



Mount St. Mary's College

Bulletin 1959-1960


Accreditation and Membership

Mount St. Mary's College

is

- Accredited by the
Western College Association
California State Board of Education
California State Board of Nurse Examiners
National League for Nursing
- Affiliated with the Catholic University of America
- Empowered by the California State Board of Education to recommend
candidates for California teaching credentials
- Approved by the
Federal Government for the education of foreign students
Veterans Administration for training for veterans
- A Member of the
American Association of Colleges for Teacher Education
American Council on Education
American Library Association
Association of American Colleges
Association of Independent California Colleges and Universities
Catholic Library Association
College Entrance Examination Board
Independent Colleges of California, Incorporated
National Association of Schools of Music
National Catholic Education Association
National Commission on Accrediting

Directions: From Sunset Boulevard turn north on Bundy Drive (approximately one mile west of Sepulveda Boulevard or San Diego Freeway), and continue along Bundy to Chalon Road to the College.



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BULLETIN
of
Mount St. Mary's College

Conducted By
THE SISTERS OF ST. JOSEPH OF CARONDELET



1959-1960

MOUNT SAINT MARY'S COLLEGE

12001 Chalon Road via North Bundy Drive

Los Angeles 49, California

CONTENTS

Academic Calendar.....	9
Administrative Organization.....	10
Officers of Instruction.....	11
Cooperating Faculty of Affiliated Agencies.....	16
General Information	
Foundation	17
Official Recognition	17
Location	17
Buildings and Equipment	18
Aims	18
Student Organizations	19
Honor Societies	20
Publications	21
Admission to the College	
General Requirements	21
Admission to Freshman Standing	21
Admission to Advanced Standing	23
Classification of Students	23
Academic Information	
Degrees	23
Majors and Minors	23
General Requirements	24
Bachelor of Arts.....	24
Bachelor of Science	25
Bachelor of Music	25

C O N T E N T S

Academic Regulations	
Grades	25
Grade Points	26
Scholarship Requirements	26
Honors	26
College Discipline	27
Counseling Service	28
Semester Expenses	29
Scholarships	32
Departments of Instruction	
Department of Art	33
Department of Biological Sciences	
Bacteriology	36
Medical Technology	36
Botany	37
Zoology	38
Department of Classical Languages	
Latin	41
Greek	42
Department of Drama	43
Department of Economics and Business Administration	45
Department of Education	48
Department of English	54
Department of Health, Physical Education and Recreation	57
Department of History	59

CONTENTS

Department of Home Economics	62
Department of Mathematics	65
Department of Modern Languages	
French	68
German	69
Italian	70
Spanish	70
Comparative Literature	71
Department of Music	72
Department of Nursing	82
Philosophy	84
Department of Physical Sciences	
Chemistry	85
Biochemistry	86
Medical Technology	86
Physics	89
Physical Science	90
Political Science	91
Psychology	92
Department of Sociology	93
Theology	95
Needs of the College	97
Form of Bequest	97
Index	98

ACADEMIC CALENDAR 1959-60

1959 Fall Semester

September 8 - 11	Program Counseling.
September 12	Residence hall open to entering students.
September 13	Orientation for new students.
September 14	Registration for new students. Subject A examination for out-of-state students. 12:30 to 3:30 p.m.
September 15	Registration for returning students.
September 16	Instruction begins.
October 15	Founders Day.
November 2 to November 6	Mid-term examinations.
November 25	Thanksgiving Recess begins, 4 p.m.
November 30	Thanksgiving Recess ends, 8:10 a.m.
December 8	Immaculate Conception. Holiday.
December 19	Christmas Recess begins, 12 Noon.
January 4	Christmas Recess ends, 8:10 a.m.
January 29	Final examinations.
January 25 - 31	Inter-semester Recess.

1960 Spring Semester

January 29	Registration for new students.
February 1	Instruction begins.
February 22	Washington's Birthday. Holiday.
March 2 - 4	Annual Retreat.
March 19	St. Joseph's Day. Holiday.
March 21 - 26	Mid-term examinations.
April 13	Easter Recess begins, 4 p.m.
April 20	Easter Recess ends, 8:10 a.m.
May 26	Ascension Day. Holiday.
May 30	Memorial Day. Holiday.
May 27 - June 3	Final examinations.
June 4	Baccalaureate.
June 5	Commencement.

1960 Summer Session

June 27	Registration.
June 28	Instruction begins.
August 5	Final Examinations.

1960 Fall Semester

September 12	Registration for new students.
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MOUNT SAINT MARY'S COLLEGE
ADMINISTRATIVE ORGANIZATION

ADVISORY BOARD

HIS EMINENCE JAMES FRANCIS CARDINAL McINTYRE

THE RIGHT REVEREND PATRICK J. DIGNAN

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SISTER ROSE GERTRUDE	President
SISTER ALICE MARIE	Dean
SISTER MARY ADRIENNE	Registrar
SISTER FRANCIS MARY.....	Treasurer

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B.A., M.A., and Ph.D., Catholic University of America; graduate study, University of Cambridge, England; European travel

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S.T.Lr., S.T.Lic., Ph.D., Angelicum, Rome

*Absent on leave, 1959-1960.

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B.A., M.A., University of Cambridge, England
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B.S., M.S., M.D., Marquette University; Pathology Residency, St. Mary's Hospital, Duluth; Staff Member, St. John's Hospital, Santa Monica and Huntington Memorial Hospital, Pasadena, California
- DEAN W. GILMAN, M.D. Lecturer in Public Health
M.D.; M.P.H., University of Michigan
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B.A., U.C.L.A.; Graduate Work, U.C.L.A.
- HELEN PICKETT Director of Public Relations
B.M., Mount St. Mary's College
- JOSEPH ROTTURA Lecturer in Music
B.M., University of Arizona; M.M., Mount St. Mary's College; Graduate Study, U.C.L.A.
- JOHN LEE Lecturer in Music
L.R.A.M., Royal Academy of Music, London; L.T.C.L., Trinity College, London; Fellowship from the Royal College of Organists; Member of the Royal Society of Teachers
- M. JOHN SCHUMACHER, M.D., F.A.P.A. Lecturer in Psychology
Ph.B., University of Wisconsin; M.D., Marquette University, School of Medicine; Diplomate of American Board of Psychiatry and Neurology
- BARBARA DOBROTT STAPLEFORD Lecturer in Sociology
B.A., Mount St. Mary's College; M.S.W., Catholic University of America
- MARGARET STROMER Lecturer in Opera Workshop
B.A., Mount St. Mary's College; Special Studies in Opera Production, U.C.L.A.
- HELENA SUNDGREN Lecturer in Music
B.M., Julliard School of Music; Concert Tours in Europe and the United States

COOPERATING FACULTY OF AFFILIATED AGENCIES

MEDICAL TECHNOLOGY

Ben G. Fishkin, M.D., Chief of Laboratory Services; Chief of Pathology; Lecturer in Hematology

Manabu Fukushima, A.B.; M.T.; (ASCP), University of California at Los Angeles, Training Officer, School of Medical Technology

George R. Kingsley, B.A., Tusculum College; M.S. University of Kentucky; Ph. D. (Cand.), University of California, Los Angeles; Lecturer and Laboratory Supervisor in Biochemistry

Bertha J. Murphy, B.S., Simmons College, Boston, Mass.; graduate work at University of Southern California; Laboratory Supervisor in Histological Technique

Vera Sutter, A.B., Ph.D., University of California, Los Angeles; Lecturer and Laboratory Director in Bacteriology and Parasitology

GENERAL INFORMATION

Foundation

Mount St. Mary's College was founded in 1925 by the Sisters of St. Joseph of Carondelet under the patronage of The Most Reverend John J. Cantwell, D.D., LL.D., Archbishop of Los Angeles. The Sisters of St. Joseph, devoted to the cause of education, reflect in their institutions the principles which three centuries ago inspired their founder, Bishop Henri de Maupas of Le Puy, France, to establish a congregation of religious women uniting action and contemplation. True to the spirit of their founder, the Sisters of St. Joseph endeavor to incorporate the finest traditions of their congregation into the program of education established at Mount St. Mary's College.

Official Recognition

By virtue of its charter granted by the State of California, Mount St. Mary's College is empowered to confer such honors, degrees, and diplomas in the arts and sciences, as are usually conferred in colleges in the United States of America.

The college is accredited by the
Western College Association
California State Board of Education
California State Board of Nurse Examiners
National League for Nursing.

The college is a member of the
American Association of Colleges for Teacher Education
American Council on Education
Association of American Colleges
National Association of Schools of Music
National Catholic Educational Association
National Commission on Accrediting.

The college is affiliated with the Catholic University of America.

The college is approved by the California State Board of Education to recommend candidates for the general elementary credential, the general secondary credential and the special secondary credential in music.

Graduates of the Department of Nursing, after passing the state examination for licensure as a Registered Nurse, are granted a public health nursing certificate by the California State Department of Public Health.

Graduates in the Medical Technology Program who have completed in-service training are eligible for the examinations required for certification by the State and National Registry of Medical Technologists.

Location

Mount St. Mary's College is located on a fifty-six acre tract in the Brentwood Hills in Los Angeles. It overlooks the Pacific Ocean from Santa Monica to Palos Verdes on the west and almost the entire city of Los Angeles on the south. It is surrounded on the north and east by the Santa Monica mountains. Its climate is healthful and generally temperate.

Buildings and Equipment

The College provides every opportunity for student growth. Mary Chapel, located in the center of the campus, encourages frequent visits to the Blessed Sacrament and students may assist at the Missa Recitata there daily.

The Charles Willard Coe Memorial Library of more than 50,000 volumes provides standard reference tools as well as opportunities for further individual study and research. It receives copies of 420 periodicals regularly and is equipped with audio-visual facilities and seminar rooms.

The science and administration building has well-equipped laboratories for physical and biological sciences, home economics, chemistry research laboratory, well-lighted classrooms, offices and an auditorium.

The Marian Hall of Fine Arts provides modern art studios, ceramics room, art gallery, instrument and piano practice rooms, listening rooms as well as music studios, orchestra room, and faculty offices.

Brady and Carondelet residence halls provide comfortable accommodations in single rooms, double rooms, or suites, with a kitchenette and a small laundry on each floor, a large dining room and lounge, and a cafeteria for day students.

Extensive game courts—tennis, volleyball, basketball—and a large, outdoor, heated and filtered swimming pool provide for healthful and recreational physical activity. A large ballroom on the ground floor of the library offers a setting for social activities.

The entire campus atmosphere is one of spacious beauty achieved through buildings of Spanish Colonial architecture and artistic landscaping.

AIMS

The aim of Mount St. Mary's College is to give its students that culture of the mind, the will, and the emotions which disposes them to achieve a well-balanced personal and social life within the framework of the vocation to Christian womanhood. To achieve this goal the College endeavors to instill into the minds and hearts of its young women a thoroughly Catholic philosophy of life based upon the liberal arts tradition.

With this philosophy as an integrating principle, the college seeks to develop the student by using means suitable to the different aspects of the total personality.

On the spiritual level, this development is accomplished by consistent instruction in the principles of Catholic theology, by faculty guidance, and by providing opportunities for participation in corporate liturgical worship.

On the intellectual level, the means taken are first, a correlated program of study which contributes to the student's growing knowledge of the material world, of man, and of God, and which deepens the appreciation of her historical, cultural, and scientific heritage; and secondly, a continuing effort to encourage creative activity and research and to stimulate the student to persevering self-education.

On the social and physical levels, the student's development is furthered by participation in curricular and co-curricular activities which implement the sense of social responsibility and inculcate habits which make for serene and healthful living.

The college further recognizes the need of many students for professional training. Its vocational curricula, therefore, are designed to provide this training, without, however, sacrificing lasting cultural values to immediate practical ends.

Mount St. Mary's College, in these ways, creates the conditions favorable for the graduation of young women who by their lives will give evidence of a deep and abiding respect for the authority of Church and State and for the democratic principles upon which our government is founded.

STUDENT ORGANIZATIONS

The Associated Students of Mount St. Mary's College

The Associated Student organization has for its aims the development of a spirit of loyalty and cooperation among the students and a sense of responsibility toward the College and its students.

The Student Council is the voice of the Associated Students. It is presided over by the student body president while class presidents and other elected officers hold chairs on the Council.

The Sodality of Our Lady

The principal religious association on campus is the Sodality of Our Lady. All Catholic students are encouraged to affiliate themselves with this organization.

National Federation of Catholic College Students

Since 1945, Mount St. Mary's College has been affiliated with the National Federation of Catholic College Students which is made up of nearly two hundred Catholic colleges from every section of the United States. The students are active in the regional unit of this federation.

Young Christian Students

This organization aims to promote Catholic action and thereby assure the maintenance of a true Christian spirit in the community.

National Student Association

The United States National Student Association is an organization of college student bodies represented through their student governments.

Women's Recreation Association

This organization was established to provide an opportunity for all students to find enjoyment through participation with others in a wide variety of recreational and social activities.

Red Cross Unit

The chapter of the College unit of the American Red Cross was established on campus in 1943.

Departmental Clubs

To foster an abiding interest in the special fields which students are pursuing and to supply the broadening contacts which organized discussions and planned programs furnish, various clubs have been organized. The following organizations are designed to meet the varied interests of students:

Eusebians	History
Parnassians	English
S.W.E.S.	Economics and Sociology
Kappa Theta Mu	Science and Mathematics
Tri Rho	Education
Music Club	Music
International Language Club	Foreign Language
Home Economics Club	Home Economics
The Marian Club	Art
White Caps	Nursing
Mount Masquers	Drama

HONOR SOCIETIES

Alpha Mu Gamma	National Honor Society for Foreign Language Students
Chemistry Honor Society	Honor Society for Chemistry Students
Delta Epsilon Sigma	National Catholic Honor Society
Kappa Gamma Pi	National Catholic Women's Honor Society
Lambda Iota Tau	National Literature Honor Society
Pi Delta Phi	National French Honor Society
Pi Theta Mu	Service Honor Society
Sigma Alpha Iota	National Music Fraternity
Sigma Delta Pi	National Spanish Honor Society

PUBLICATIONS

The College has three regular publications, **The Mount**, **Westwords**, and **The View**, financed by the student fee. **The Mount**, the College yearbook was first published in 1947. Edited by a senior elected by her class, the annual records the student year in pictures and presents a brief history and photograph of each graduate.

Westwords is the College literary quarterly. Its essays, short stories and poetry are drawn from creative writing classes, and faculty and alumnae contributors.

The View, the student newspaper, is published by volunteer students under a faculty adviser. Affiliated with the Catholic School Press Association and the Associated Collegiate Press, the paper has received both All-Catholic and All-American awards. It aims to spread truth through the highest standards of artistic and accurate journalistic writing and to articulate the ideals and activities of Mount St. Mary's College.

ADMISSION TO COLLEGE

General Requirements

An applicant for admission to Mount St. Mary's College must have the following data sent to the Director of Admissions:

1. An official application form completely filled out and the application fee (\$5.00).
2. Scores achieved in the College Entrance Examination Board Scholastic Aptitude Test.
3. A transcript of high school record.
4. Three letters of recommendation from persons such as the student's pastor, senior adviser, high school principal, employer, or other reliable person.
5. A passing grade in either the Subject A examination (English composition) given at Mount St. Mary's College or at a University of California center, or in the equivalent course in pre-freshman English.

No pre-registration is required for the test given at Mount St. Mary's; the test date is announced by the English Department before the beginning of the spring semester. It is strongly recommended for their own advantage that students who fail the examination take the course in the summer previous to their entrance into college. If sufficient students apply for the course in Subject A before June 1, it will be given at Mount St. Mary's College in the summer at a fee of \$30.00 or less depending on the number in the class.

The applicant will be notified of acceptance or rejection when the data 1-4 have been evaluated.

Admission in Freshman Standing

An applicant must fulfill the requirements set forth in one of the following plans in order to be admitted in freshman standing:

Plan A—Admission by recommended grades.

1. Graduation from an accredited high school.
2. Completion of the high school subjects as follows:
 - (a) History1 unit
This requirement must be satisfied by one unit of United States history and civics.

- (b) English3 units
These may consist of any six semesters in English including not more than one semester each of public speaking and journalism.
- (c) Mathematics2 units
These must consist of two semesters of elementary or advanced algebra; and two semesters of plane geometry or solid geometry and trigonometry.
- (d) Science (with laboratory)1 unit
This must consist of a year course in one field of science, namely, biology, botany, chemistry, physics, physical science, or zoology. The science selected must be an advanced (eleventh or twelfth grade) science, and the two semesters must be in the same subject field.
- (e) Foreign language2 units
These must be in one language.
- (f) Advanced course chosen from one of the following:1 or 2 units
1. Mathematics, a total of 1 unit in advanced algebra, solid geometry, or trigonometry;
 2. Foreign language, either 1 additional unit in the same language offered under (e) or two years of a different foreign language;
 3. One unit of either chemistry or physics with laboratory, in addition to the science offered under (d) above.

Scholarship Requirements

Courses in the (a) to (f) list taken in the ninth grade need show passing marks only; courses (a) to (f) taken in the tenth, eleventh, and twelfth grades must be passed with marks that will make an average grade of B. Courses in which a grade of D is received may not be counted either in reckoning the required scholarship or in satisfaction of the subject requirement. An A grade in one course will balance a C grade in another. Only college preparatory subjects are considered. Grades are considered on a semester basis, except from schools that give only year marks.

Plan B—Admission by Examination.

An applicant whose preparation varies with minor deficiencies in subject preparation or scholarship from Plan A may qualify for entrance by earning a sufficiently high score on the College Entrance Examination Board Scholastic Aptitude Test. An applicant accepted with minor deficiencies arising from not having studied a required subject or from having received a low grade in a required subject must remove the deficiency in one of two ways:

1. By passing satisfactorily the appropriate postgraduate course in an accredited high school.
2. By passing satisfactorily a college course of appropriate content.

In either case any credit earned may not be counted towards a degree. A deficiency of the type mentioned must be removed before being admitted to upper division standing.

Admission in Advanced Standing

A student will be admitted to advanced standing on presenting a satisfactory transcript of credit from an approved college. Character references are required. A transfer student must be in good standing in the college from which she transfers, and must have been granted an honorable dismissal. An average of C is required in the college work of the transfer student. Any course with a grade of D will not be accepted.

Classification of Students

Full-time students carry 12-18 units.

Part-time students carry less than 12 units.

Special students are mature students who desire to take a course or courses for academic credit, without following a prescribed curriculum towards a degree.

Classes:

Sophomore standing is granted to a student who has completed 28 units of credit with 28 grade points.

Junior standing is granted to a student who has completed 60 units of credit with 60 grade points.

Senior standing is granted to a student who has completed 90 units of credit with 90 grade points.

ACADEMIC INFORMATION**Degrees**

Mount St. Mary's College offers four-year courses of study in the arts and sciences leading to the following degrees:

Bachelor of Arts

Bachelor of Science

Bachelor of Music

Information concerning the Masters' degrees is given in the **Graduate Bulletin**.

The curricula for any bachelor's degree is designed to give two years of study in the liberal arts and sciences followed by a more specialized program in the junior and senior years during which time the student completes a major and minor field of study.

Majors and Minors

The specific requirements for a particular major or minor subject are designated by the department. The minimum requirement for the major is 30 units of which 18 to 24 units are in upper division (100-level) courses. The minimum requirement for the minor is 18 units of which 9 to 12 units are in upper division courses.

Majors are offered in the following subjects:

Art	Natural Science
Drama	Bacteriology
English	Biochemistry
Foreign Languages:	Chemistry
Classical Languages	General Life Science
French	Physical Science
Spanish	Zoology
Home Economics	Nursing
Mathematics	Social Sciences
Music	Economics
	History
	Sociology

Minor subjects may be any of those listed as possible majors and also the following:

Business Administration	Physics
Italian	Political Science
Philosophy	Psychology
Physical Education	Theology

A change in the choice of a major or a minor after the student has entered the junior or senior year may be made only with the permission of the Dean and the consent of the advisers concerned.

General Requirements for all Bachelors' Degrees:

1. A total of 128 semester units. No more than 40 units in any one subject field may be included in this total.
2. A cumulative grade point average of 1.0 (C average) for all collegiate work undertaken.
3. Two semesters' work immediately preceding graduation at Mount St. Mary's college with a minimum of 24 semester units. Regular courses in the major must be taken in the last two semesters of college.
4. Eight semesters in college residence or the equivalent thereof.
5. The completion of an acceptable major and minor.
6. A course in American Institutions and American History. This requirement may be fulfilled in lower division by History 7A-7B.

In addition to the general requirements for all bachelors' degrees the **Bachelor of Arts** degree demands the completion of 60 units of lower division (0-99 level) courses and 60 units of upper division (100-199 level) courses including the following:

English, ten units.

Fine Arts, two units.

Foreign Language. The satisfactory completion of at least a year of intermediate course work in a foreign language or the passing of a qualifying examination to test reading ability in a foreign language. Only students who have completed one semester of an intermediate course or who have completed 3 or 4 years of a high school language are eligible to take the reading test. Foreign students satisfy the language requirements by satisfactorily completing English 1A, 1B, 4A, and 4B.

Natural Sciences

- a. At least a semester in physical sciences chosen from the following:
Physical Science 1, 11
Physics, 2A, 2B with laboratory
Chemistry 1A
Mathematics 1, 3A
- b. At least a semester course in life science chosen from the following:
Bacteriology 1
Botany 2
Zoology 1A, 2, 24

Philosophy, twelve units.

Physical Education, four semesters.

Social Science, ten units.

Theology, Catholic students are required to take Theology every semester they are enrolled at the college. Non-Catholics are required to take Theology 1A-1B only.

The **Bachelor of Science** degree is designed for students with both a major and minor in the sciences and/or mathematics, and for students with a major in medical technology. In addition to the general requirements for all bachelors' degrees the Bachelor of Science degree demands the completion of 60 units of lower division (0-99 level) courses and 54 units of upper division (100-199) level courses including the following:

English, ten units.

Fine Arts, two units.

Foreign Language, as required by the major.

Philosophy, twelve units.

Physical Education, four semesters.

Social Science, ten units.

Theology, Catholic students are required to take Theology every semester they are enrolled at the college. Non-Catholics are required to take Theology 1A-1B only.

The special requirements for the **Bachelor of Music** degree are given on page 73.

ACADEMIC REGULATIONS

Grades

Results of examinations, semester reports, and the general average of the scholastic standing of a student in her entire course are indicated by the following system of grades:

Passing: A, excellent; B, good; C, average; D, barely passing.

Not passing: F, failure; (Inc.), incomplete, a temporary term indicating that while the work done is of passing quality, yet portions of it remain unfinished owing to illness or similar unavoidable causes. The

"incomplete" may be removed in such a manner as the instructor may determine. The "incomplete" must be removed before the midterm of the following semester in residence or it becomes a "failure." Responsibility for the removal of an "incomplete" rests with the student. The term Inc. may not be used for Seniors during their final semester.

Grade Points

The standard of scholarship of a student is determined by taking a ratio between the total grade points earned and the total number of units or semester hours, for which the student was registered.

In estimating this ratio:

A counts 3 grade points per credit unit.

B counts 2 grade points per credit unit.

C counts 1 grade point per credit unit.

D counts no grade points per credit unit.

F counts no grade points per credit unit.

Inc. is not considered in estimating the ratio.

Scholarship Requirements

Mid-semester reports on the work of students are required of all instructors. Reports of scholarship are sent to parents or guardians of all students at the end of each semester. Reports are sent at the mid-semester to parents or guardians of all students whose average is below C.

Any student who fails in a given semester to earn a number of grade points equal to the number of units for which she is registered is placed on probation and must limit her program of studies. If she fails in the following semester to earn a number of grade points equal to the number of units for which she is registered, she is disqualified from further attendance at the College.

A student who in any semester fails to pass eight units of work is disqualified. When extenuating circumstances, such as prolonged illness, account for the student's disqualification, she may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester.

A minimum grade point ratio of 1 is required in the work of the lower division before a student can be granted junior standing. The same grade point average is required in the upper division before the student can be graduated.

Honors

Degrees with honors are conferred on students who attain the standards of one of the following distinctions, which are based on scholarship: *summa cum laude*, *magna cum laude*, *cum laude*.

Summa cum laude: On the recommendation of the Committee on Standards, the degree **summa cum laude** shall be granted to a student who has received a grade point of 2.8.

Magna cum laude: On recommendation of the Committee on Standards, the degree **magna cum laude** shall be granted to a student who has received a grade point average of 2.5 to 2.8.

Cum laude: On recommendation of the Committee on Standards, the degree **cum laude** shall be granted to any student who has received a grade point average of 2.3 to 2.5.

College Discipline

Registration. All students are required to register at the beginning of each semester on the day announced. A fee of \$2.00 will be charged for registration after this date. The general fee of \$30.00 for all students must be paid each semester at the time of registration.

Study List. It is recommended that full-time students carry a course program of not less than 15 units and not more than 18 units per semester, unless otherwise authorized by the Dean.

Study Card. A study card, approved by the counselor for lower division students and by the major adviser for upper division students, must be filed within the appointed time. Credit will be granted only for courses listed properly on the study cards.

Change in Program. After the second week of the semester a student is not permitted to withdraw from a course nor enroll in a course without the permission of the Dean. A student who withdraws from a course without the permission of the Dean receives a grade of F.

Attendance. The College believes that regularity, exactness, and order are qualities essential to the successful pursuit of study and fundamental to the formation of a strong womanly character. In accordance with this belief a student is required to attend regularly all her scheduled classes and is held responsible for the full content of each course pursued.

To provide for necessary absence (illness, death in the family, and other compelling reasons), a student is allowed as many "justified" absences in a course as there are twice the class hours a week in that subject. Students are required to give a written explanation for each absence incurred. Forms for such explanations may be obtained from the Registrar's office. When the number of absences exceeds the maximum allowed, that is, four in a two-unit course, six in a three-unit course, the student may receive a failure for the course. In the case of absence for a prolonged period, the rule may be modified upon the recommendation of the Dean. On no account may a prolonged absence exceed a period of twenty days. An absence that is not justified as well as an absence that precedes or immediately follows a holiday is counted double.

Tardiness of more than 15 minutes is counted as an absence.

Examinations. All undergraduate students are required to take the regular course examinations.

Leave of Absence. In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing her work without such formal leave may lose her privilege of registration and forfeit her right to a clear transcript of credit.

Re-entrance. A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

Dormitory Students. Students who are unable to commute to their homes daily are required to reside on the campus. The permission of the Dean is required to reside elsewhere.

Dismissal. Enrollment in the College implies willingness on the part of the student to comply with the requirements and regulations of the College. Should the student fail to comply with these requirements and regulations and the faculty consider her influence to be harmful to others or to the spirit of the College, her withdrawal is requested even though she is charged with no specific breach of discipline.

COUNSELING SERVICE

The College recognizes that many students enter college without having decided upon a profession or vocation. The counseling program is planned to develop in the young woman a sense of her own personal dignity and aids in discovering her educational, social and professional possibilities, thereby enabling her to choose wisely and in accordance with the Catholic philosophy of life.

The counselors, class advisors, and major professors as well as the administrative officers are an integral part of the counseling service and are available to the students for advice or consultation at specified times.

Each student has a counselor who helps her to plan her program. Counselors are assigned to freshmen and sophomores. Juniors and seniors are advised by the professors in the departments in which the major study is made.

The Director of Guidance provides counseling and guidance, both educational and vocational. By means of appropriate tests and interviews, the Director of Guidance assists the student to acquire a knowledge of her aptitudes and her abilities so that she may make a wise selection of college courses and thus prepare herself for the career that she plans to follow.

SEMESTER EXPENSES

All fees must be paid on or before the day of registration.

Tuition for all students (12 to 18 units)	\$190.00
Less than 12, per unit	12.00
Over 18, per unit	12.00
General Fee	Day Students 30.00
	Resident Students 32.00

The general fee for all students must be paid each semester on the date of registration. The fee covers registration, student body, lecture, library, athletic and swimming pool facilities, class dues, retreat offering, and College publications including the Annual. No part of this fee is remitted to those students who may not desire to make use of any or all of these privileges.

Student Health Service	10.00
Insurance	Day Students 2.00
	Nurses and Resident Students 16.00
Library fee for part-time students	2.00
Registration fee for part-time students	5.00
Cap and Gown Rental	5.00

Residence Halls

Board and small double room	450.00
Board and Suite	460.00
Board and large double room	475.00
Board and private room	500.00

Special Fees

Graduation	20.00
	Nurses 40.00
Late registration fee	2.00
Testing fee (Freshmen and Sophomores).....(Fall Semester Only)	5.00
Subject A	1.00

Studio and Laboratory Fees

Art	
4A-4B, 14A-14B, 24A-24B, 114A-114B, 140A-140B, 164A-164B-164C-164D	3.50
50A-50B, 150A-150B	15.00
33A-33B, 133A-133B	7.50
330	2.00
Bus. Ad.	
3A-3B (Typing)	7.50

Educ.	147	3.50
	330	20.00
	335, 377	45.00
Home Ec.	135, 156, 180	2.50
	134, 152	5.00
	170	7.50
	10, 171	10.00
	1, 2, 30, 31	15.00

Laboratory Sciences

Bact.	1, 103, 108	10.00
Bot.	1A-1B, 105A-105B	5.00
	126	10.00
Chem.	4	2.50
	2A-2B, 5A-5B, 108, 111A-111B	10.00
	199	per unit 10.00
	100, 101, 113A-113B	15.00
Physics	3A-3B	10.00
Phy. Sci.	1, 11	2.50
Zo.	1A-1B, 2, 24, 25, 51, 100, 106, 107, 111, 112, 198	10.00
	160A-160B	undergraduate 30.00 graduate 40.00

Music

Individual instruction	voice	100.00
	instrument	75.00
Class instruction		25.00
Use of instruments		10.00
	organ	20.00

An additional charge will be made for room and board during Christmas, inter-semester, Easter and summer vacations.

Charges are subject to change at beginning of each semester.

The general fee (\$30.00) for all students must be paid each semester on the date of registration.

All of the semester expenses are to be paid at the beginning of each semester.

Interest will be charged on overdue accounts.

A \$100 room deposit of which \$75 is applicable to first semester account is required to record the reservation of a room. \$25.00 is retained

as a Room Deposit until such time as the student discontinues attendance of Mount St. Mary's. Withdrawal of reservation after August 1st entails forfeit of total deposit. Rooms are contracted for by the year except in case of graduation at mid-year or withdrawal because of illness.

Room assignments are made in the order of the receipt of the reservation deposit. Students already in attendance must pay their deposit for priority in the choosing of a room.

The College has adopted the following schedule for refunding tuition, board, and other fees. In all cases the date of withdrawal will be that on which notice of withdrawal was received.

Period of attendance	Refundable
2 weeks or less.....	80%
Between 2 and 4 weeks.....	60%
Between 4 and 6 weeks.....	30%
After 6 weeks.....	0%

Students who enroll for applied music at the beginning of each semester are expected to continue through the semester. After the expiration of the period for filing study cards, no withdrawals will be permitted and no refunds will be made except in case of serious illness, although in genuine emergency, it may be possible to postpone private lessons until another semester. Lessons missed by students will be made up by the instructor only when an excuse has been presented showing legitimate reason for absence.

No degree will be conferred on any student, nor will a statement of credits be furnished unless all accounts are paid in full.

Students leaving the College to enter another institution will be given a transcript of credits and an honorable dismissal if in good standing. For additional transcripts of credits requested at any time, a fee of one dollar is charged.

A fee of one dollar will be charged for any examination taken out of the regular time either for the removal of a condition or for any other reason. Arrangements must be made in advance and the fee paid before the examination will be given.

Students who wish to invite guests to the College on weekends are to make arrangements with the Dean of Resident Students one week in advance. A charge of five dollars is made for each guest.

SCHOLARSHIPS

Mount St. Mary's College offers a limited number of full-tuition and part-tuition scholarships to students who need financial help and who give promise of outstanding success in college.

Scholarships are available to:

Seal Bearers of the California Scholarship Federation

Students who have done superior work in art or music

Students who make a high score in a competitive examination.

HONORS AT ENTRANCE carry no monetary grants but present to the recipient recognition for outstanding scholastic ability. HONORS AT ENTRANCE certificates are presented at high school graduation exercises.

The College solicits the cooperation of parents and secondary school officials in discouraging persons who do not need financial aid from competing with needy students for use of tuition scholarships and service contracts.

Scholarship awards are made with the distinct understanding that the student will remain at Mount St. Mary's College until graduation, or repay the amount before requesting a transfer to any other undergraduate school. A scholarship may be forfeited if the student does not maintain a high scholastic record in any semester of college work.

Application for scholarship should be requested and returned to the Dean of the College before January 15.

Service Contracts

Service contracts are available to promising young women who need help in financing their college education. The securing of these contracts depends upon health, scholastic record, and need of student. Application for a service contract should be made no later than two months prior to the opening of the semester.

SWES Intercultural Fund

Available to students from racial or cultural minority groups who are in need of some financial assistance.

DEPARTMENTS OF INSTRUCTION

DEPARTMENT OF ART

Sister Mary Ignatia (Chairman)

Nina Shepherd

David Cressey

Aims: The close integration of history, theory, and creative practice will enable the student to develop esthetic judgment and satisfactory performance. The aim is threefold: to offer those not majoring in the subject some understanding of the arts, to provide a basis of knowledge of the creative process for teachers, and to furnish the talented student with fundamental training for serious later study on the graduate level.

The College Art Gallery with its program of outstanding exhibits, the Art Library, and the museums of the Los Angeles area are correlating means of study to the students.

Preparation for the Major: 90A-90B, 4A-4B, and eight units to be selected from the following: 14A-14B, 33A-33B, 50A-50B.

The Major: Twenty-two units of upper division subjects: Required: 102A-102B, 104A-104B. Recommended: 105A-105B, 114A-114B, 133A-133B, 140A-140B, 150A-150B, 153, 164A-164B.

Minor Requirements: Eighteen units, nine to twelve of which must be in upper division courses, are the minimum required.

Related Requirements: Six units in a classical or foreign language, ten units in lower division English, six units in natural science, and four units in social science. The general lower division requirement in social science for the B.A. degree may be met in part by courses in art history required for art majors and minors.

LOWER DIVISION

2. Art Structure. (2) (I) Miss Shepherd
Fundamental course in color theory and harmony as related to composition and applied design, required of Home Economics majors.

4A-4B. Basic Drawing. (2-2) Yr. Miss Shepherd
Studio practice in functional drawing and composition from still life, landscape, and figure, providing a foundation for all advanced work.

14A-14B. Creative Design. (2-2) Yr. Miss Shepherd
Painting in casein or oil, with lectures and analysis of painting methods, materials, and composition.

***15. Lettering. (2) I** Miss Shepherd
The design of lettering, composition in type forms, and problems in layout.

***16. Poster. (2) II** Miss Shepherd
Problems in advanced layout and practice in advertising display. Prerequisite, 15.

33A-33B. Elementary Ceramics. (2-2) Yr. Mr. Cressey
Basic problems in pottery forms, decoration and glazing. Experience in slab and free-form methods and use of the wheel.

*Given on sufficient demand.

50A-50B. Jewelry and Enameling. (2-2) Yr. Mr. Cressey
Constructive process in the design and making of jewelry. Emphasis placed on contemporary design in silver.

90A-50B. Survey of Art History. (3-3) Yr. Sister Ignatia
A survey of architecture, sculpture, painting, and the decorative arts from pre-historic times. The relation of art to the society and culture of each period through the Italian Renaissance in Florence.

UPPER DIVISION

***102A-102B. Italian Art of the High and Late Renaissance in Venice, Spain, and the Netherlands. (3-3) Yr.** Sister Ignatia

104A-104B. History of Modern Art. (3-3) Yr. Sister Ignatia
The main currents of European painting and sculpture from 1800 to the present. Analysis of art styles in their relation to cultural and social conditions, including in the second semester contemporary art in the United States.

***105A-105B. History of Art in America. (3-3)** Sister Ignatia
A survey of architecture, sculpture and painting in the United States from Colonial times, with a brief introduction to Pre-Columbian art on this continent.

114A-114B. Advanced Creative Design. (2-2) Yr. Miss Shepherd
Continued exploration into the elements of pictorial design, with lectures and analysis of painting methods and materials.

128A-128B. Advanced Drawing. (2-2) Yr. Miss Shepherd
Continuation of 4A-4B with emphasis on structure and expressive form. Experience with various media in still life, landscape, and the figure.

133A-133B. Advanced Ceramics. (2-2) Yr. Mr. Cressey
Special projects adapted to creative expression in advanced techniques. Experimental studies in formulas and glaze making.

134. Glaze Calculation. (2) Mr. Cressey
Prerequisite: Course 33A-33B.
Study of ceramic materials and their properties. Calculation of glaze formulas; preparation and testing of glazes.

140A-140B. Painting. (2-2) Yr. Sister Ignatia
Water color painting in landscape and still life. Problems in composition, light and shade, and form. Lectures and analysis of painting methods.

150A-150B. Advanced Jewelry and Enameling. (2-2) Yr. Mr. Cressey

***153. Design in the Home. (2) II** Mr. Cressey
Combined lecture and laboratory course in architectural design, interiors, furniture accessories and related fields.

*Given in rotation or on sufficient demand.

- 164A-164B. Painting. (3-3) Yr.** Miss Shepherd
Oil or casein painting in landscape, still life, and figure. Lectures and analysis of painting techniques, materials, and the elements of pictorial composition.
- 164C-164D. Advanced Painting (3-3) Yr.** Miss Shepherd
Continuation of techniques of painting, analysis of methods and applied studio work.

RELATED COURSES

- 5. Fine Arts. (1) I, II** Miss Shepherd
A course presenting the significant arts of the past and present with a view to developing a wider cultural horizon and desirable attitudes in taste and appreciation. Lectures illustrated with slides. Required of all Freshmen.
- 42. Methods in Elementary School Art. (2) I** Mr. Cressey
Designed to give the prospective teacher help in stimulating and evaluating the creative expression of children. Practice in art media commonly used in the elementary school.
- 112. Art Appreciation. (2) I**
Designed to promote an intelligent appreciation of the arts and to understand their cultural and time aspect. For teachers.
- 330. Industrial Arts for the Elementary Grades. (2) I** Mr. Cressey
Investigation of materials and methods, and experience in the activities associated with the elementary program.

DEPARTMENT OF BIOLOGICAL SCIENCES

Sister Gertrude Joseph (Chairman)

Jeanne F. Genrich, M.D.

Sister Mary Gerald

J. Richard Shelton

Sister Margaret Marie

Marie Zeuthen

Cooperating Faculty at Veterans Administration Center

(see page 16)

The primary aim of the department is to interest the student in a broader and deeper knowledge of the living things of her environment, to impart a knowledge of biological principles, and to develop a reliable evaluation of the significance of living things to human life.

The secondary aim of the department is to impart technical information and skills necessary for the field of emphasis chosen in the major.

This department includes the divisional courses of study in Bacteriology, Botany, General Life Sciences, and Zoology. Any modification of the programs as scheduled below requires approval of the department.

Four programs of study leading to the bachelor's degree are offered by the department: (1) Bacteriology for the medical technologist and research students who participate in the program set up with the Veterans Administration Center at West Los Angeles. (2) Botany

Major, planned for the student who wishes to prepare for graduate study, teaching, or research in the field of botanical science. (3) The General Life Science Major, planned for the liberal arts student and for the secondary teacher who wishes to acquire a general understanding of the field of biology in all of its relationships. (4) Zoology, which prepares the student for research and for admission to schools of medical science.

Bacteriology

Medical Technology: The program prepares the student for the bachelor's degree and for the examinations required for certification by the State and the National Registry of Medical Technologists. This certification qualifies the student for the position of technologist in hospitals, public health departments, research centers and physicians' laboratories.

The program is coordinated with the Veterans Administration Center at West Los Angeles where the in-service training may be completed during the student's third and fourth years. A faculty member of Mount St. Mary's College has direct supervision of this in-service training.

Preparation for the Major: Bacteriology 1; Chemistry 1A-1B, 2A-2B; Zoology 24, 25 or equivalent.

The Major: Bacteriology 103, 105A, 105B, 105C, 107, 108A, 108B, 108C; Chemistry 5A, 108C, 108D, 114; Zoology 107, 111, 111C, 123.

Recommended: Chemistry 108A; Physics 2A.

LOWER DIVISION

1. General Bacteriology. (4) II Sister Margaret Marie

Lecture 2 hours; laboratory, 6 hours.

Early history of bacteriology; effects of physical and chemical agencies upon bacteria; biochemical activities of bacteria; the bacteriology of the air, water, soil, milk and dairy products, other foods; industrial applications. The laboratory exercises include an introduction to bacteriological technique.

6. Microbiology. (2) II Sister Margaret Marie

Lecture and demonstration, 2 hours. Not open to students who have had Bacteriology 1.

A survey of the principles and techniques of microbiology and immunology, with special emphasis on the significance of bacteria in our daily lives and as agents of disease.

UPPER DIVISION

103. Advanced Bacteriology. (4) I Miss Zeuthen

Prerequisite: Course 1.

Lecture, 2 hours; laboratory, 4 hours.

The more advanced principles of the life, activities, growth and morphology of bacteria. The etiology of disease.

105A. Serology. (2) I Dr. Genrich

The theory of serology.

†105B. Serology. (2) I, II Mr. Peterson; Miss Zeuthen

Practice of serological methods.

- †105C. **Advanced Serological Methods.** (3) I, II Mr. Peterson; Miss Zeuthen
- †107. **Diagnostic Bacteriology.** (4) I, II Miss Sutter
 Prerequisite: Bacteriology 103.
 Practical application in bacteriologic and mycologic theories in the isolation and identification of the etiologic agents in infectious diseases.
- 108A. **Hematology.** (3) II Dr. Genrich
 Prerequisite: Zoology 1B, or equivalent.
 Lectures and demonstrations, 5 hours.
 Study of the normal blood development and the common types of pathological conditions.
- †108B. **Laboratory Methods in Clinical Hematology.** (3) I, II Mr. Fukushima, Miss Zeuthen
 Prerequisite: Bacteriology 108A or equivalent.
 Practical application of hematologic theories and principles with special emphasis on the classification and differentiation of the anemias, the leukemias and leukemoid reactions.
- †108C. **Immunohematology.** (2) I, II Miss Zeuthen, Mr. Peterson
 Blood groups; laboratory aspects of blood transfusions; laboratory methods in the study of hemolytic anemias.
199. **Special Problems.** (2) I, II Dr. Genrich
 Prerequisite: Consent of the Instructor.

Botany

Preparation for the Major: Botany 1A-1B; Chemistry 1A-1B. Recommended: Bacteriology 6.
Major: Eighteen units of upper division work in Botany and 6 units of upper division work chosen with the approval of the department from Zoology, Bacteriology, Botany, Chemistry, Home Economics, or Mathematics.

LOWER DIVISION

- 1A-1B. **General Botany.** (4-4) Yr. Mr. Shelton
 Lecture, 2 hours; Laboratory and field work, 6 hours.
 An introduction to plant science. Structures and functions of higher plants; survey of the plant kingdom; relation to environment; variation and heredity; economic uses; identification.
- *105A. **Algae and Bryophytes.** (4) I Mr. Shelton
 Lecture, 2 hours; laboratory, 6 hours.
 Prerequisite: Course 2, or equivalent.
 A study of the structure, development, and phylogenetic relationships of the principal orders of fresh-water and marine algae, and of liverworts and mosses.
- *105B. **Morphology of Vascular Plants.** (4) II Sister Gertrude Joseph
 Lecture, 2 hours; laboratory, 6 hours.
 Prerequisite: Botany 2, or equivalent.
 Structure, development, and phylogenetic relationships of the principal groups of ferns, fern-allies, and seed plants.

†Veterans Administration Center.

*Given in alternate years; to be given in 1960-61.

- 106. Taxonomy of Seed Plants. (3) II** Mr. Shelton
 Prerequisite: Botany 1A-1B.
 Lecture, 2 hours; Laboratory 3 hours.
 An introduction to the classification and systematic relationship of the vascular plants, with emphasis on the flora of Southwestern North America.
- *118. General Mycology. (3) I** Mr. Shelton
 Lecture 2 hours; Laboratory 3 hours.
 A study of structure, development, physiology, phylogenetic relationships, and economic importance of the principal orders of fungi.
- 126. Medical Mycology. (3) I** Miss Zeuthen
 Lecture 1 hour; laboratory 4 hours.
 Prerequisite: Bacteriology 1.
 An introduction to the morphology, physiology, and taxonomy of the pathogenic fungi which cause disease in man and the domestic animals. This course is designed for students in bacteriology, parasitology, and medicine.
- *152. Plant Physiology. (3) II** Mr. Shelton
 Lecture and discussion, 3 hours.
 Prerequisite: General Botany, General Chemistry.
 Activities of living plants: diffusion, absorption, ascent of sap, transpiration, photosynthesis, nutrition, digestion, storage, translocation, respiration; principles of plant culture and crop production.
- *153. Plant Physiology Laboratory. (2) II** Mr. Shelton
 Prerequisite: Botany 160 may be taken concurrently.
 Laboratory, 6 hours.
- 165. Plant Ecology. (3) I** Sister Gertrude Joseph
 Lecture, 2 hours; Laboratory, 3 hours.
 Prerequisite: Botany 1A-1B.
 Interrelations between plant life and environment; general principles of plant ecology and their application to chaparral, forest, grassland, and desert.
- *166. Plant Diseases. (4)**
 Lecture, 2 hours; Laboratory, 6 hours.
 Fungi and other pathogenic organism, particularly those diseases of economic plants.
- *168. Trees of California. (2) I** Sister Gertrude Joseph
 Lecture, 2 hours.
 Botanical characters, classification, morphology, and identification of important California species, with particular emphasis on trees of southern California.
- 199. Special Problems in Botany. (2-2)** Staff

Zoology

The major is designed for students who wish to concentrate their biological work in zoology or those desiring to follow a research or a pre-medical curriculum. For the latter course each student should examine the particular requirements of the school of medicine she has chosen to attend. These requirements are not uniform.

Preparation for the Major: Zoology 1A-1B; Chemistry 1A-1B.

Recommended: Bacteriology 1; Physics 2A-2B.

Major: Eighteen units of upper division work in Zoology and 6 units of upper division work chosen with the approval of the department from Zoology, Bacteriology, Botany, Chemistry, Home Economics, or Mathematics.

*Given in alternate years; to be given in 1960-61.

Of the 18 upper division units in zoology, at least 4 units must be taken in each of the three following groups of courses:

Group 1: Courses 118, 130, 150.

Group 2: Courses 100, 106, 107, 111.

Group 3: Courses 112, 143, 160.

The Minor: Pre-medical and Research Students are advised to minor in either Bacteriology or Chemistry.

Any modification of the above program as scheduled required approval of the department.

LOWER DIVISION

1A-1B. General Zoology. (4-4) Yr. Sister Margaret Marie
Lecture, 2 hours; laboratory and field work, 6 hours.

An introduction to the facts, principles and relationship of animal biology with special references to structure, function, and relationship of animal groups.

24. Anatomy and Psysiology. (4) I Sister Margaret Marie
Lecture 3 hours; laboratory, 3 hours.

25. Clinical Physiology. (4) II
Lecture, 2 hours; laboratory, 6 hours.
A study of the fundamental metabolic processes of the body in health and disease; and the principles and methods involved in the chemical analysis of body fluids.
Prerequisite: Chemistry 1A, 1B, and Zoology 24.

51A-51B. Human Anatomy and Psysiology. (3-3) Yr.
Lecture, 2 hours; laboratory, 3 hours.
A study of the normal structure and function of the systems of the human body.

UPPER DIVISION

***100. Vertebrate Embryology. (4) I** Mr. Shelton
Lecture, 2 hours; laboratory, 6 hours.
Prerequisite: Courses 1A-1B, or equivalent.
Study of embryologic development of the vertebrate, including amphibia, chick, and mammal.

106. Comparative Anatomy of the Vertebrates. (4) II
Prerequisite: Courses 1A-1B, or equivalent.
Lecture, 2 hours; laboratory, 6 hours.
A study of the structural relationships of the vertebrate. Dissection of the elasmobranch, amphibian, and mammal.

107. Animal Histology. (2) II Sister Gertrude Joseph
Lecture, 2 hours.
A study of mammalian tissue.

***111. Parasitology. (3) I** Dr. Genrich
Prerequisite: Zoology 1A.
Lecture and demonstration, 3 hours.
A course covering the field of morphology, habits and life history of animal parasites and their relation to diseases of man.

*Given in alternate years; to be given in 1960-61.

- †111C. **Parasitology.** (1) I, II Miss Sutter, Miss Zeuthen
Application of clinical laboratory methods in parasitology for observation and identification of parasites of man.
112. **Advanced Invertebrate Zoology.** (4) I
Prerequisite: Course 1A-1B.
Lecture, 2 hours; laboratory and field, 6 hours.
Morphology, habits, habitats, and life histories of both marine and fresh water invertebrates, with special references to local fauna.
- *118. **Endocrinology.** (2) II Sister Gertrude Joseph
Prerequisite: Course 1A, or equivalent.
Lecture and demonstration, 4 hours.
A study of the ductless glands.
- †123. **Histological Technique.** (3) I, II Mrs. Murphy
The preparation of tissue for microscopical examination.
130. **Introductory Genetics.** (2) II Sister Margaret Marie
Lecture, 2 hours.
The principles of heredity and their bearing on reproduction and evolution.
Prerequisite: Course 1A-1B or equivalent.
131. **Introductory Genetics Laboratory.** (2) II Miss Torres
Prerequisite: Zoology 130 may be taken concurrently.
Laboratory, 4 hours.
143. **Biology of the Warm-Blooded Vertebrates.** (2) I Sister Gertrude Joseph
Lecture and discussion, 3 hours.
Prerequisite: Courses 1A and 1B, or equivalent.
The ecology, physiology, distribution, behavior and systematics of birds and mammals.
- *150. **Introduction to General Physiology.** (4) I Miss Torres
Lecture, 2 hours; laboratory, 6 hours.
A study on the physical and chemical properties of protoplasm; osmotic relations and permeability of living cells; physiological action of ions and principles of enzyme action.
Prerequisite: Course 1A-1B or equivalent; Chemistry 1A-1B.
198. **Biological Research.** (2-2) I, II Staff

GENERAL SECONDARY CREDENTIAL WITH TEACHING MAJOR IN BIOLOGICAL SCIENCES

The program is open to those students who plan to teach the natural sciences in the secondary schools. The course offers a five-year program leading to the degree of Bachelor of Science or Bachelor of Arts, and to the recommendation for a general secondary credential.

†Veterans Administration Center.

*Given in alternate years; to be given in 1960-61.

Life Science

Preparation for the Major: Courses 1A-1B or equivalent; Chemistry 1A-1B.

The Major: Life Science 160A, 160B; Botany 105B; Zoology 112, 130, 143 and 6 units chosen from the following: Botany 152, 153, 165, 168.

Recommended: Bacteriology 1, Physics 2.

1A-1B. General Life Science. (4-4) I, II Mr. Shelton
Lecture, 3 hours; laboratory and demonstration, 2 hours.

An integrated year-course designed to present the major, fundamental concepts of botany, zoology, and physiology.

***160A-160B. Studies in Natural History. (3-3) I** Mr. Shelton
This course is planned for the students who wishes to study a specific phase in life science.

***195A-195B. Proseminar: Reading List. (2-2) Yr.** Staff

***370. Methods and Materials for Teaching Life Science. (2)**

DEPARTMENT OF CLASSICAL LANGUAGES

Sister M. Germaine (Chairman)

The Department of Classical Languages has organized its curriculum to advance the student's cultural interest by the ability to enjoy the great literatures of antiquity and to evaluate the contribution of these literatures to our own civilization, as preparation for work leading to advanced degrees, or to enable the student to use the classics effectively as subjects in the teaching field.

Latin

Preparation for the Major: Four years of high school Latin (or two years of high school Latin and courses 3-4), and courses 16 and 28.

The Major: Twenty-four units of upper division courses, including Latin 104A-104B, 106, 141, and 145. Recommended: Greek 1A-1B and Ancient Civilization 112-113.

The Minor: Eighteen units of Latin of which 9-12 must be upper division courses. These courses include Latin 104A, 106, and 145.

LOWER DIVISION

1-2. Elementary Latin. (3-3) Yr. Sister M. Germaine
Grammatical forms and syntax, exercises in writing Latin, and readings from historical prose.

3-4. Intermediate Latin. (3-3) Yr.
Review of Latin syntax, selected readings from Caesar, Cicero, and Ovid. Open to students having 2 years of high school Latin.

14. Christian Latin Writers. (3) I Sister M. Germaine
A study of selected Christian prose writers of the patristic age, especially St. Cyprian, Tertullian, St. Jerome, and St. Augustine.

*Given in alternate years; to be given in 1960-61.

16. **The Latin Essay.** (3) II Sister M. Germaine
The study of the form and content of Cicero's *De Amicitia*; comparison with the *De Spirituali Amicitia* of Aelred of Rievaulx.
27. **Roman Comedy.** (3) I
Study of Plautus, *Captivi*, and Terence, *Phormio*. The origin and development of Graeco-Roman comedy. Offered upon request.
- 28 or 128. **Horace: Odes and Epodes.** (3) II
Reading and interpretation. A study of Latin lyrical poetry.

UPPER DIVISION

- 104A-104B. **Latin Composition.** (2-2) Yr. Sister M. Germaine
Study of sentence structure, idioms, and style through translation of prose selections into Latin. Required of majors in the department.
106. **Tacitus.** (2) I
Selections from the *Agricola* and *Germania*. A study of the characteristics of Silver Latin. Tacitus as an historian.
145. **St. Augustine: Confessions.** (2) I Sister M. Germaine
A study of St. Augustine as an author and a man of his age; rhetorical devices, development of vocabulary and syntax in the patristic age.
- †*185. **Introduction to Medieval Latin Studies.** (2) I Sister M. Germaine
A study of the development of medieval Latin syntax, vocabulary and morphology. Offered upon request.
- †*187. **Studies in Medieval Poetry.** (2) II Sister M. Germaine
A study of the origins and development of medieval poetry with emphasis on selected periods.
- *370. **The Teaching of Latin.** (2) II Sister M. Germaine

Greek

LOWER DIVISION

- 1A-1B. **Elementary Greek.** (3-3) Yr.
Essentials of Greek grammar, syntax, inflections, and vocabulary. Translation and easy composition.
- *11. **Xenophon: Anabasis.** (2)

UPPER DIVISION

- 101A-101B. **Homer.** (2-2) Yr.
The *Iliad*. An introduction to epic metre; study of racial background as an influence on national cultural development.
- *102. **Greek Drama.** (2)
Sophocles: *Antigone* and Euripides: *Medea*.

*Given in alternate years; to be given in 1960-61.

†May be taken for graduate credit.

103. Plato. (2)
Socratic dialogues.

Ancient Civilization

- *112. A Survey of Greek Civilization. (2) I
An investigation of the cultural growth of the Greeks, emphasizing their contributions to western civilization, especially in the fields of philosophy, literature, and art.
- *113. A Survey of Roman Civilization. (2) II
A study of Rome's debt to Greece in its cultural growth and of Rome's unique contributions, especially in law and government, to subsequent civilizations.

DEPARTMENT OF DRAMA

Mr. Dale O'Keefe (Chairman)

Marjorie Morton

The Drama Department seeks to give students a deeper penetration and understanding of life through dramatic literature, enabling them to express themselves creatively in the dramatic art form both through the medium of stage performance and writing.

In addition, the major prepares students for a professional career in drama, or as teachers and directors in the field of dramatic arts.

The Major is comprised of Drama 1 and 2, 8, 28, and 59 in the lower division; upper division requirements include Drama 128, 150, 158, and English 114 and 117. Electives are chosen under direction according to the major emphasis.

The Major, Plan A, for actors, directors and teachers, must include Drama 111, and 112. Plan B, for writers, must include Drama 107 and 157 as well as English 106. Plan B majors may substitute elective for Drama 1.

The Minor in Drama: English 1A-B, 2A-B, either Dr. 1 Voice and Diction or Dr. 2A Acting Technique, and Dr. 28 Stagecraft; 9 to 12 upper division units including Dr. 128, 150, 158.

LOWER DIVISION

1. Voice and Diction. (3) I Mr. O'Keefe
Development of the speaking voice, correct enunciation and articulation. Poise and bodily expression for speech.
- 2A-2B. Acting Technique. (3-3) Yr. Mr. O'Keefe
Fundamental stage technique for the actor.
2A is a prerequisite for 28.
Approach and study of the role, development of character and characterization for the stage with emphasis on the creative individuality of the student.
8. Introduction to the Drama. (2) I Mrs. Morton
An introductory study of the theater; the play, the actor, the director, the theater building, and the development of staging and scenic devices.
28. Stagecraft. (2) II Mrs. Morton
An historical survey of the principles of set design, scenery construction, and lighting. Practical work on college productions.

- 59A-59B. Theater Workshop. (1-3) Yr.** Staff
Participation in play production. Open to students of all departments.

UPPER DIVISION

- *107A-107B. Dramatic Writing. (3-3) Yr.** Mr. O'Keefe
Analysis of the dramatic structure. Technique and practice of creative writing for stage and television.
- *111. Interpretative Reading. (3) II** Mr. O'Keefe
The technique of oral interpretation of literature.
- *112A-112B. Advanced Acting. (2-2) Yr.** Mr. O'Keefe
Interpretation of the role and creation of character. Historical study of styles of acting of the theatre and presentation of scenes from the Greek, Shakesperean, Restoration, and Modern Drama. 2A-2B or consent of the instructor is a prerequisite for this course.
- 128. Play Production. (3) I** Mrs. Morton
A study of the technical aspects of production. Prerequisite Drama 28, Drama 59, or consent of the instructor.
- 150. Directing. (3) I** Mr. O'Keefe
A workshop course for both the actor and director, including director-actor relationship and directing technique; composition, picturization, pantomimic dramatization, movement, and rhythm.
- 158. Play Production and Direction. (3) II** Staff
Production procedure and rehearsal. Directing scenes and short plays. Lecture two hours, rehearsal laboratory—two hours. Drama 128 and 150 prerequisites.
- 159A-159B. Theater Workshop. (1-3) Yr.** Staff
Participation in play production. Open to majors of all departments.
- 157A-B. Creative Dramatics. (3-3)**
Seminar and laboratory course for the actor, director, writer, and teacher. Dramatic improvisation for use in grade and secondary schools. Development of dramatic dialogue and scenes, utilizing both children and adults. Staging of school plays and pageants.

*Given in alternate years; to be given in 1960-61.

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Bernard Bierman (Chairman)

Ethel B. Kuthley

Sister Catherine Therese

Section 1: Economics

Courses in Economics train students: 1. to understand modern economic life and to help form sound policies based on Catholic socio-economic principles; 2. to enter business, law, the labor movement, teaching, and government service at home or abroad.

Preparation for the Major: Required: Econ. 1A-1B and Econ. 10. Recommended: Bus. Adm. 1A-1B and at least an introductory course in another social science (4-6 units in sociology or political science preferred).

The Major: Eighteen to 24 units in upper division courses. Required: Econ. 100A-100B. 112 or 113, 135, 140. Recommended: Bus. Adm. 105, 160; Soc. 101; Pol. Sci. 101. The student should select a field of emphasis from one of the following: Economic History; Labor Economics and Social Insurance; Public Finance and Money and Banking; International Economics; Comparative Economics and the Reconstruction of the Social Order.

The Minor: A total of at least 18 units, 9 to 12 of which must be in upper division courses. Required: Econ. 1A-1B and Econ. 10.

LOWER DIVISION

1A-1B. Principles of Economics. (3-3) Yr. Mr. Bierman

Production, consumption; composition and distribution of national income; markets, money, credit, banking, foreign exchange, price levels; public finance.

2. Basic Economics. (3) I Sister Catherine Therese

A course designed to meet the needs of certain departments for a one-semester course in economics.

5. Economic Geography. (3) I Mr. Bierman

Survey of the main economic occupations in the modern world: gathering, hunting and fishing, forestry, herding, farming, mining, manufacturing, trade.

10. Economic History. (3) II to be named

Survey of the development of agriculture, industry and commerce from their beginning to modern times.

UPPER DIVISION

100A-100B. Intermediate Economic Analysis and Policy. (3-3) Yr. Sister Catherine Therese

Theory of consumer choice, cost of production and exchange; market structures; national income; wages, profits and interest.

103. History of Economic Doctrines. (3) I Mr. Bierman

Mercantilists, Physiocrats, Classicists, Individualists vs. Nationalists, Utopians, Socialists, Historical Schools, the Austrian School, leading modern schools.

107. Comparative Economics. (3) I Mr. Bierman

Capitalism vs. communism; social capitalism vs. socialism; differences in the planned economies of the United States, Western Europe and Russia.

- 108. Reconstruction of the Social Order. (2) II** Sister Catherine Therese
Proposed economic and social reconstruction of society as set forth in the encyclicals *Rerum Novarum* and *Quadragesimo Anno*.
- ***112. Economic and Social History of Europe. (3) I** Mr. Bierman
Growth and changes of capitalism in selected European countries, especially since the industrial revolution.
- ***113. Economic and Social History of the United States. (3) II** Mr. Bierman
Growth and changes of capitalism in the United States, especially since the industrial revolution.
- ***117 Business Fluctuations. (3) I** Sister Catherine Therese
History and analysis of trade cycles and their causes; indices and forecasts of economic conditions; policies and proposals for economic stability.
- ***125. Government and Business. (2) II** Sister Catherine Therese
The role of government in shaping and directing business and economic life.
- 131. Public Finance. (3) I** Sister Catherine Therese
Income and expenditure of the federal, state and local governments; theories of tax incidence; methods and objects of fiscal policy; nature and implications of the public debt.
- 135. Money and Banking. (3) II** Sister Catherine Therese
Nature and functions of money and banking and their historical development in the United States.
- 140. Statistics.**
cf. Soc. 140.
- 144. Personal Finance. (3) II** Mr. Bierman
Earning, spending, saving, investing, budgeting; real and personal property; bank accounts, insurance, annuities, trusts, securities, mortgages, royalties; estates, wills, taxation.
- 150. Labor Economics. (2) I** Sister Catherine Therese
Psychological aspects of modern labor; problems of insecurity, wages, hours, conditions of work, sub-standard workers, industrial autocracy; attempts to solve labor problems by employees, employers, the government.
- 152. Social Insurance. (3) II** Sister Catherine Therese
The modern social security program covering sickness, accident, unemployment, old age and death.
- ***155A-155B. International Economic and Social Problems. (2-2) Yr.** Mr. Bierman
Population, raw materials, international trade, nationalism and colonialism, war and peace, international organizations; area studies.
- ***175. Population and Urban Society. (2) I** Sister Catherine Therese
cf. Sociology 175.
- 199A-199B. Special Studies.** Mr. Bierman
Subject matter and credit by arrangement.

*Given in alternate years; to be given in 1960-61.

Section 11: Business Administration

Courses in Business Administration train students for secretarial positions, for accounting work, or for business generally. Credits earned in Business Administration may be applied on a major in Economics or a minor in Business Administration.

The Minor: A total of at least 18 units, 9 to 12 of which must be in upper division courses. Required: Business Administration 1A, Business Administration 3A or equivalent, Economics 1A-1B.

LOWER DIVISION**1A-1B. Principles of Accounting. (3-3) Yr. Mrs. Keithley**

A study of the principles of accounting and the methods of modern accounting practices as applied to the single proprietorship, the partnership, and the corporation.

3A-3B. Secretarial Training. (2-2) Yr. Mrs. Keithley

A study of typewriting in which the foundation is laid for the development of a thorough understanding of the various types of office problems as well as the development of speed and accuracy.

4A-4B. Secretarial Training. (3-3) Yr. Mrs. Keithley

A study of the principles of shorthand and the development of the various techniques used in building speed and accuracy in writing and reading shorthand from dictation.

UPPER DIVISION***105. Business Law. (3) I Mrs. Keithley**

A study of law in its relationship to business. Essentials of the law of contracts, sales, agency, negotiable instruments, bailments, and property.

***110. Business Correspondence. (3) II Mrs. Kiethley**

Designed to give the student facility in the use of the English language in the writing of effective business letters and reports.

111. Applied Secretarial Practice. (3) II Mrs. Keithley

This course is designed to develop expert skill and ability in transcription with special emphasis on technical dictation and the editing of dictated letters and reports.

112. Secretarial Problems. (3) II Mrs. Kiethley

Designed to develop skill in mastering the various types of office problems, including correspondence, duplicating, filing systems, legal forms, statistical and financial reports, telephone and telegraphic services, and human relations. A study of job opportunities and application procedures is included.

113. Business Organization and Management. (3) I Mrs. Keithley**120. Advanced Accounting. (3) I Mrs. Keithley**

Corporation accounting theory and analysis of balance sheets and profit and loss statements; accounting problems in liquidation and consolidation.

***160. Elements of Marketing. (3) II Mrs. Keithley**

A survey designed to give a basic understanding of marketing methods, institutions, and practices. The problems of retailing, wholesaling, co-operative marketing, pricing, and marketing costs are defined from the standpoint of the consumer, the middleman, and the manufacturer.

*Given in alternate years; to be given in 1960-61.

DEPARTMENT OF EDUCATION

Sister Rose de Lima (Chairman)

Doris Schiffilea

Sister Margaret Clare

F. Roman Young

Sister M. Hortensia

Mrs. Beth Carpenter, Principal, and Staff of Brentwood Elementary School.

Mr. Richard H. Nida, Principal, and Staff of Hamilton High School.

Mrs. Helen Jewett Rogers, Principal, and Staff of Louis Pasteur Junior High School.

The Department of Education offers a program designed to develop in the students professional competency. This professional preparation combines theory and practice and is based on a strong foundation in the liberal arts. Thus, the teacher education program is the responsibility of the whole college.

The curricula offered satisfy the requirements for the following credentials: General Elementary, General Secondary, and Special Secondary in Music. A program leading to the Master of Arts in Education is also offered.

The Major: The manner in which the College provides for this requirement is stated under each credential.

Provisions are made for students to fulfill the course in supervised teaching in the public schools of the city of Los Angeles, at the elementary level in Brentwood Elementary School, Los Angeles; and at the secondary level at the Louis Pasteur Junior High School and the Hamilton High School.

Curricular Requirements For Each Credential

GENERAL ELEMENTARY

Prospective candidates for the general elementary credential should consult, each term, the advisor in the Department of Education before filing study cards during the freshman and sophomore years. Formal application of candidacy for any credential must be made in writing, and, if possible, before the termination of the second semester of the sophomore year.

Requirements:

1. Bachelors' degree:
 - a. Courses in subject matter required of prospective elementary teachers which can be included in the program for the degree are: Art 5 or 112; Zo. 2 or 160; Eng. 1A-1B, 134; Hist. 7A-7B; Mu. 3, 102; *P.E. 27, 44; Phil. 6; Phys. Sci. 1; P.S. 111.
 - b. The Major: The candidate for the general elementary credential may fulfill the requirements for the degree in a major field of study in one of three ways:

*Physical Education 27 satisfies for Physical Education 26A or B or C or D, depending upon the semester in which it is taken.

- (1) A departmental major.
 - (2) A candidate presenting a major not in the approved list must complete two approved 12 units sequences, each of which must consist of courses appropriate to the elementary school curriculum. This requirement may be met in the lower division but English 1A-1B is not acceptable as part of an English sequence.
 - (3) Completion of an acceptable general major consisting of 36 upper division units selected from the Arts and Science list of courses and advised by the Chairman of the Department of Education.
2. Courses in Education 77, 111, 119, 134, 139A, 139B, 139C, 147, 171, 330, 335A-B; Art 330; Music 330.
 3. Regulations in regard to standards:
 - a. A grade point average of at least 1.5 should be maintained by all candidates for elementary teaching credentials.
 - b. The education and subject matter courses for teachers are to be taken in a sequence.
 - c. All upper division education courses are to be taken in residence in institutions accredited to offer such courses.
 - d. A battery of tests in the skills of reading, language, and arithmetic must be passed prior to entering Education 139A.

GENERAL SECONDARY CREDENTIAL

Requirements:

1. Admission to Candidacy
 1. Bachelor's degree
 - a. The major and minor must be in fields commonly taught in California senior or four-year high schools, or a major in a field not commonly taught and 2 minors in acceptable teaching fields.
 - b. Mount St. Mary's College is authorized to recommend for the general secondary credential in the following fields as they are interpreted by the California State Department of Education:
 - (1) Social studies
 - (2) Life Sciences and general science
 - (3) Physical sciences and general science
 - (4) English
 - (5) Foreign languages
 - (6) Mathematics
 - (7) Music
 2. A scholastic average of 1.75 or better, must be maintained during the undergraduate and postgraduate program.
- II. Postgraduate Program

1. A year of work in regular graduate status comprising not less than 30 units of approved upper division and graduate courses.
2. The completion, prior to the degree, of Educ. 170 and 171; subsequent to the degree, the completion of Educ. 147, 172, 270A-270B, 370, G377; 6 units of graduate and upper division courses in the major, and *Major Department 370.
- **3. The completion of 40 semester hours of general education.

SPECIAL SECONDARY IN MUSIC

Requirements:

1. B.M. degree.
2. Courses in Education 170, 171, 172, Mu. 370, M377.

Students with a B.M. degree who wish to apply for a general secondary credential may consider music as the major, but must complete a 20 unit minor in another subject field (not necessarily upper division courses) as long as there is a sequence of related courses in a field.

PROVISIONAL CREDENTIAL

A teacher employed in the Public School on a provisional credential issued prior to July 1, 1954, and fulfilling the conditions set forth in California Administrative Code Title 5, Register 55, No. 11, Article 5, shall first have his transcript evaluated by the Registrar and then place himself under the advisement of the Department of Education.

MASTER OF ARTS DEGREE IN EDUCATION

For specific information concerning the graduate program in education, consult the Bulletin of the Graduate School.

Education

LOWER DIVISION

77. **School in the American Society.** (3) II Sister M. Hortensia

This introductory course is offered to lower division students to acquaint them with the heritage of the past as well as prepare them to understand the important role of education in the present. It is designed to give an overall view of the field with special emphasis on the sociological importance of education particularly in our American democratic society.

UPPER DIVISION

111. **Growth and Development of the Child.** (2) I Sister Margaret Clare

A unified picture of the behavior to be expected of children of elementary school age; a study of the physical, mental, social and moral growth and development of the child. A minimum of one hour per week observation, and sequential reports are required.

*Educ. 370 is a prerequisite for Maj. Dept. 370 or it may be taken concurrently.

**Courses distributed according to the directive of the California State Department of Education.

- 119. Educational Measurement. (2) II** Mr. Young
A study of the measurable differences between individuals; the construction, administration, scoring, and interpretation of various kinds of tests.
- 134. Children's Literature. (2) II** Sister Margaret Clare
A course designed to develop appreciation for, and wide experience in children's choices of books at various age levels. A study of the literature and artist-illustrators, as well as every type of book a child enjoys. Cf. English 134.
- 138A. Language Arts in the Elementary Curriculum. (2) II** Sister Margaret Clare
A course for in-service teachers. It presents the language arts as an integrated program with special emphasis on modern methods and techniques for developing the basic reading skills.
- 138B. Arithmetic in the Elementary Curriculum. (2) II** Sister M. Hortensia
This course aims at presenting an understanding of the psychological and mathematical foundations of the modern arithmetic program. A study is made of the most effective means of developing and maintaining the mathematical skills and problem solving abilities.
- *138C. Social Studies and Science in the Elementary Curriculum. (2) II** Sister Margaret Clare
A course for in-service teachers. This course interprets the role of social studies and science in the modern elementary program with special emphasis on the values inherent in and procedures followed in the unit of work method.
- 139A. Language Arts in the Elementary Curriculum. (2) I** Doris Schiffilea
A study of the modern techniques and principles in the teaching of reading and oral and written expression. Prerequisite: Successful attainment of competencies in language arts skills as evidenced by required tests.
- 139B. Arithmetic and Science in the Elementary Curriculum** Sister M. Hortensia
A study of the objectives, content and modern techniques of presenting arithmetic and science in today's elementary school. Prerequisite: Successful attainment of mathematical competencies as evidenced by required tests.
- 139C. Social Studies in the Elementary Curriculum. (2) II** Doris Schiffilea
A study of the principles and techniques of teaching social studies in the modern elementary school. Course study to be taken currently with Education 330.
- 139D. Foreign Language in the Elementary School. (2) I** Sister Eloise Therese
- 147. Audio-Visual Education. (2) II** Sister Margaret Clare
A course designed to teach the sound psychological basis for the use of Audio-Visual materials, the techniques and procedures in using them that will result in most effective learning, criteria for the selection of these materials, and finally, practice in the operation of the machines needed for an adequate audio-visual program.

*Given in alternate years; to be given in 1960-61.

- 170. Philosophy and Principles of Secondary Education. (3) I** Sister Rose de Lima
 An evaluation of current philosophies of education; a survey of the historical development of the American secondary school and the principles upon which it was founded; the place and function of the modern American high school as an integral part of the democratic social structure.
- 171. Educational Psychology. (3) II** Sister Rose de Lima
 A study of the nature of mental changes and the conditions associated with learning; designed to equip the student to analyze educational problems psychologically, and to apply this knowledge for the improvement of teaching-learning situations.
 Prerequisite: Philosophy 6.
- 172. Guidance of the Adolescent. (3) I** Sister Rose de Lima
 Principles for the training and guidance of the adolescent are derived from a Christian interpretation of reliable data of experimental studies regarding physiological, emotional, mental, and moral growth and development; guidance techniques include a testing program and basic statistical procedures.
- *270A. Secondary Education: Seminar. (2) I** Mr. Young
 A critical analysis of contemporary social problems and their impact upon secondary education and, in particular, the role of the teacher-educator.
- *270B. Secondary Education: Seminar. (2) II** Mr. Young
 A seminar paralleling student teaching assignments in public secondary schools. Directed research deals with specific problems which stem from the needs of the student teacher.

PROFESSIONAL COURSES

SUPERVISED TEACHING: Preparatory Courses

- 330. Observation and Participation. (2) II** Doris Schiffilea
 Classroom experiences in a cooperating public elementary school. Preparation for and evaluation of observation and participation activities in different grade levels and in different areas with special emphasis on social studies. Group conferences are held periodically.
- G370. Introduction to Secondary Teaching. (3) I** Mr. Young
 Prerequisite: Regular graduate status, Ed 170, 171, 172.
 This course must be taken prior to student teaching. It consists of a study of the secondary curriculum with special emphasis upon teaching methods, observation, and a general orientation of the student to the school in which he will do his student teaching.

SUPERVISED TEACHING: In Cooperating Schools

- E335A-E335B. Supervised Teaching: Elementary. (4-4)** Miss Schiffilea
 Brentwood School Faculty
 Fall and Spring Semesters

*270A-270B, restricted to candidates for the general secondary credential

Prerequisites: Senior standing, Education 139A, 139B, 139C, 330; Physical Education 27.

Participation and practice in working with and instructing children in the elementary school. Experience is given on different grade levels. Conferences with teachers and supervisor accompany this work. A weekly seminar for the students is included.

M337. Supervised Teaching: Music. (4) II Hamilton High School Faculty
Louis Pasteur Junior High School Faculty

Prerequisite: Regular graduate status; Education 172, 170, 171, 370.

G377. Supervised Teaching: General Secondary. (6) II Mr. Young and Hamilton High School Faculty
Louis Pasteur Junior High School Faculty

Prerequisite: Regular graduate status; Education 112, 170, 171, 370.

Consists of participation in the instructional activities of two high school classes for one semester, and required conferences.

Los Angeles Teacher Recruitment Project of Mount St. Mary's College A Pilot Study

The complete program for the pilot study for the recruitment of elementary teachers for the schools of California is found in the Educational Bulletin. The following are block courses open only to participants in the study:

Educ. 332A	(E)	Psychology of Elementary School Methods	3
		Language arts and arithmetic	
Educ. 332B	(E)	Psychology of Elementary School Methods	3
		Social studies and sciences	
Educ. 111	(E)	Child Growth and Development	3
		Physical, mental, social, and moral growth	
Educ. 117	(E)	Elementary School Curriculum	3
		Aims and growth of elementary schools in the United States; current trends in elementary curriculum	
Educ. 132A	(E)	Health, Physical Education and Speech in the Elementary School	3
Educ. 132B	(E)	Fine and Industrial Arts in the Elementary School	3

Educ. 119, 134, and 147 which complete the program are taken in class with the regular students and are described elsewhere in this Bulletin.

DEPARTMENT OF ENGLISH

Sister Marie de Lourdes

Sister St. George

Sister M. Laurentia

Sister Thomas Bernard

Sister Patricia Clare

Sister Mary Patricia (Chairman)

The English Department aims to prepare students to meet adequately and effectively the requirements of social communication, and to lead them to an enduring appreciation of the aesthetic values of the best literature.

The examination in Subject A must be passed before entrance into any course in college English. English 5, Literary History of England, is a prerequisite for majors. This course is also recommended for English minors.

The Major in English—Plan One: A minimum of 28 upper division units in English including 100, 106, 117, 130, 155, and electives under direction, to provide both breadth and depth of literary study. Under this plan students must complete a substantial creative or critical project before March 1 of the senior year and take a comprehensive examination which includes the Advanced test in Literature from the Graduate Record Examination. This plan aims to prepare students for a continued interest in literature either informally in their lives or formally in graduate study or teaching at the secondary level or beyond.

The Major in English—Plan Two: A minimum of 24 upper division units in English including 106, 117, 130, 155, 197, and electives which may include 134 and Speech 111. The comprehensive examination is optional under this plan which aims to prepare students for the elementary teaching credential. Students who elect this plan will be recommended for graduate study in English only if they take and pass the comprehensive with a grade of B or better, and if they complete upper division requirements as listed in Plan One.

LOWER DIVISION

Subject A. Essentials of Grammar and Composition. (No Credit)

Required of all students who fail the entrance examination in English. Offered upon request for a sufficient number of students at a stated fee.

1A-1B. Freshman Composition. (3-3) Yr.

Staff

Introductory course. Required for graduation and prerequisite to all other courses in English. Techniques and practice in clear, direct prose communication, critical reading. Introduction to research writing and literary types. 1B includes study of **The Divine Comedy**.

3. English for Foreign Students. Yr.

Staff

Tutoring in the elements of written and spoken English for students whose knowledge of English is insufficient for English 1A.

4A-4B-4C-4D. Introduction to Masterpieces of World Literature. (2-2-2-2) Yr.

A study of some of the great books of the ages in translation. Any two of the following four courses are required of all students.

4A Epic and Drama

The great epics and selected Greek drama

- 4B The Bible as Literature**
Literary forms of the Old and New Testament
- 4C Eastern and European Masterpieces**
- 4D English and American Masterpieces**
- 5. Literary History of England. (2) I** Sister Patricia Clare
A broad survey of the main periods, writers and important works of English literary history. Required of English majors.
- 31. Elements of Journalism. (2) I**
A broad course in journalism and news writing. Laboratory work on the college newspaper for 1-3 units.

UPPER DIVISION

- 100ABCDEF. Selected Reading. (1) Yr.**
A list of outstanding literary works from the 16th through the 20th century for independent reading. May be begun in the second semester of the sophomore year.
- 106A-106B. Creative Writing. (3-3) Yr.** Sister Marie de Lourdes
Advanced course in creative writing, including instruction in the writing of essays, short stories, and poetry.
- *110. Introduction to the English Language. (3) I** Sister St. George
Introduction to phonetic and historical development of English. Studies in word formation and radiation of meaning.
- *114. Study of the Drama. (3) II** Sister Patricia Clare
Principles of drama from the beginning to the present. Reading of representative dramas.
- 117. Shakespeare. (2) I, II** Staff
- *125. Study of the Novel. (3) I** Sister Mary Patricia
Chronological reading and analysis of representative novels from early examples of the form to contemporary developments.
- 126. The Short Story. (3) I** Sister Marie de Lourdes
- 130A-130B. American Literature. (3-3) Yr.** Sister Patricia Clare
A survey of American Literature. 130A: Beginning to 1860; 130B: 1860 to the present. Emphasis on works of enduring worth as literature. This course may be taken for graduate credit.
- 134. Children's Literature. (2) II** Sister Margaret Clare
May be counted as part of the units in education required for the elementary credential. Cf. Educ. 134.
- *136. Selected Modern Writers. (2) I**
A study of selected works of contemporary writers in the Christian tradition from various national backgrounds.
- *137. World Literature. (2) II** Sister M. Laurentia
An intensive study of selected masterpieces of world literature exclusive of English and American literature.
- *Given in alternate years; to be given in 1960-61.

- *151. **Chaucer. (2) I** Sister M. Laurentia
Reading in the poetry of Chaucer, principally the *Canterbury Tales*, and an introduction to other selected works of the medieval period.
153. **Study of Poetry. (3) II** Sister Mary Patricia
A study of poetry, principally English and American, with emphasis upon principles of structure and aesthetic evaluation.
155. **Introduction to Literary Theory and Criticism. (3) I** Sister M. Laurentia
An introductory study examining the more important theories of literature from the times of Plato and Aristotle to our own day, combined with practice in the techniques of analysis and literary criticism. This course may be taken for graduate credit.
156. **The Age of Elizabeth. (3) I** Sister Thomas Bernard
A study of the principal non-dramatic prose and poetry of the English Renaissance, exclusive of Shakespeare.
- *157. **The Seventeenth Century. (2) II** Sister M. Laurentia
Readings in the important literary works, prose and poetry, of the seventeenth century, emphasis on Milton and Donne.
167. **The Eighteenth Century. (3) II** Sister St. George
A survey of the historical background and literature of the century with chief emphasis upon Dryden, Pope and Johnson.
- *177. **The Romantic Period. (3) I** Sister Marie de Lourdes
A study of the development of Romanticism in English literature in the first part of the nineteenth century from 1784-1832.
187. **The Victorian Period. (3) I** Sister Mary Patricia
A study of the major prose and poetry of the second part of the nineteenth century from 1832-1892. This course may be taken for graduate credit.
188. **Dante. The Divine Comedy. (3) II** Sister Mary Patricia
A close reading of *The Divine Comedy* as a work of literary art with emphasis on structure and symbol. This course may be taken for graduate credit.
190. **Contemporary Literature. (3) II** Sister M. Laurentia
Intensive reading of English and American Literature since 1890. This course may be taken for graduate credit.
195. **Honors Course. (1-3) I, II** Staff
Intensive and independent study in a field of special interest. Open to selected English majors in the senior year or second semester junior year with the consent of the department chairman and of the instructor concerned.
197. **Senior Survey. (2) II** Sister Marie de Lourdes

*Given in alternate years; to be given in 1960-61.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

DeLores Blackstone

Katherine Goldsmith

The Department of Health, Physical Education, and Recreation offers all the students participation in a program designed to encourage sound health habits and to develop physical efficiency through mental and physical alertness and poise, social cooperation by regular participation in a variety of recreational sports and an intelligent use of leisure time.

The department offers a major with three different fields of emphasis possible to the student: (1) the general major in Health, Physical Education, and Recreation; (2) the teaching major in Physical Education, or Physical Education and Health; (3) the general major in Health, Physical Education, and Recreation, with emphasis in therapeutics.

Preparation for the major: P.E. 26, 27, 29, 30A-30B, 31; Zo. 51A-51B.

Major: 28 units including P.E. 101, 105, 145, 158. The remaining units are selected with departmental advice in accordance with field of emphasis.

Teaching major also includes: P.E. 155A-155B, 160, 161.

Recreation emphasis also includes: P.E. 140, 141, 142, 155A-155B.

Therapy also includes: P.E. 140, 141, 158.

Physical Education 26 is required of all students for 4 semesters. A student may take more than 4 semesters but may take not more than one course for credit in one semester. Taking more than one course in one semester fulfills only one semester of the requirements.

The Minor: Not fewer than 18 units of coordinated courses, at least 9 of which must be in upper division courses. All courses must be approved by the advisor in Physical Education.

This minor is suitable for students either in elementary education or in social welfare.

LOWER DIVISION

26A-26B-26C-26D. Physical Education Activities. ($\frac{1}{2}$ - $\frac{1}{2}$ -- $\frac{1}{2}$ - $\frac{1}{2}$)

Miss Blackstone, Miss Goldsmith

Modified Physical Education

Horseback Riding

Archery

Dance

Badminton

Swimming, Beg., Inter., Adv.

Basketball

Life Saving & Water Safety

Body Mechanics

Tennis

Bowling

Volleyball

Golf

27. Games and Rhythms for the Elementary School. (2) II Miss Blackstone

29. Introduction and Orientation to Physical Education. (2) I Miss Blackstone

Study of the objectives of modern education with a view towards the development of a basic philosophy and background for professional education.

- 30A-30B. Professional Activities. (2) 1, II** Miss Blackstone, Miss Goldsmith
Open only to students with a major or minor in physical education.
Techniques of individual, dual, and team sports.
- 31. Instructors Course in First Aid. (2) II**
- 44. Personal and Community Health. (2) I** Sister Albert Mary
Fundamentals of healthful living designed to provide scientific health information and promote desirable attitudes and practices.
- 99 or 102. Synchronized Swimming. (2) I, II** Miss Goldsmith
Teaches the advanced swimmer swimming movements, performance in a definite pattern, to synchronize with a prescribed accompaniment.

UPPER DIVISION

- 101. Kinesiology. (3) I** Miss Goldsmith
Prerequisite: Anatomy
A study of the structure, function, and mechanical principles relating to human motion with practical application in the analysis of specific activities.
- *105. Physiology of Exercise. (3) II** Miss Goldsmith
Prerequisite: Physiology
Study of the physiological aspects of exercise.
- 140. Recreational Leadership. (3) I** Miss Blackstone
Principles and practices in recreational leadership. A study of methods and principles of obtaining community interest and participation in the school program including observation and participation in a recreational program of a community agency.
- *141. Dancing Materials and Techniques. (3) II**
Selection and presentation of folk, modern, country, and ballroom dance materials. Emphasis on teaching dances.
- *142. Camping and Camp Leadership. (2) I** Miss Goldsmith
Designed to instruct students in the fundamentals of camping and to offer training in camp leadership.
- 145. Health Education. (3) II**
A study of the principles and methods of instruction as applied to health teaching of individuals and groups, with emphasis on the knowledge of resources, planning and organization of health teaching programs.
- 155A-155B. Sport Methods. (3)** Miss Blackstone, Miss Goldsmith
Analysis of skills in dual, individual, team sports; methods of presentation; study of rules, meets, and tournaments.
- 158. Teaching of Body Mechanics and Corrective Physical Education. (3) II** Miss Goldsmith
Efficient use of the body in daily living; evaluation and classification of exercises, study of methods and practice in planning and presenting material.

*Given in alternate years; to be given in 1960-61.

***160. Administration and Organization of Physical Education. (3) (2)**

Planning the physical education curriculum and the methods of organization including maintenance and selection of records, facilities and equipment, office management, relationship of program to school and the community.

***161. Evaluation Procedures in Health, Physical Education and Recreation. (3) (2)**

A study of tests and measurements in the profession, with practice in their construction, use, and interpretation of results.

DEPARTMENT OF HISTORY

Sister Agnes Bernard (Chairman)

Reverend John Courtney, M.H.F.

Monsignor Patrick J. Dignan

Sister Rose Catherine

Sister St. Francis

Sister St. Claire

As no adequate understanding of contemporary political, cultural, and social institutions is possible without a thorough knowledge of their origins and development, history is of importance in a sound liberal education.

The disciplines of research, of criticism, and of historical synthesis are among the most effective in communicating the power to think and to sift problems to their essential elements. History also furnishes an indispensable introduction to specialized training in other fields such as law, economics, diplomacy, and education. Together with the great disciplines of theology, philosophy and literature, history is the core of the liberal arts program.

Preparation for the Major: History 4-A-4B; 7A-7B. Recommended: Political Science 1, Sociology 2, Economics 1 or 103.

History as a **major field** may be studied as:

- I. a sequence of courses in the department; or
- II. a correlation of history with other social sciences.

The Major: Program I. Students will be expected to do at least 24 semester hours of upper division work. American or European history may be selected as the field of emphasis. Included in the 24 units of upper division work must be:

- (a) History 198, 199.
- (b) A coordinating seminar (to prepare for the comprehensive examination).
- (c) At least 9 units of survey work in the field of emphasis, including a sequence; i.e., one 6-unit course and 3 additional units.
- (d) A 6-unit survey course in the field not selected for emphasis.
- (e) Two semesters of advanced work in the field of emphasis, one course to be taken in each semester of the senior year.

Recommended: A reading knowledge of French, German or Spanish.

Program II. Social Science Major:

The core of the program applies to the secondary credential candidates.

- (a) Eighteen semester hours of upper division history with attention to departmental requirements.

*Given in Alternate years; to be given in 1960-61.

(b) Ten semester hours in three related department areas: Economics, Political Science, Psychology and Sociology.

For a History or Social Science Minor please consult the Chairman of the Department of History.

LOWER DIVISION

4A-4B. Western Civilization. (3-3) Sister St. Claire, Sister Rose Catherine

A broad historical study of the principal elements of the Western heritage in the Christian Era having for its purpose the furthering of the students' general education. It is prefaced by introductory notes on the ancient contribution to this heritage.

7A-7B. History of the United States. (2-2) Sister St. Francis

A survey of the historical development of the United States from the age of discovery to the present.

UPPER DIVISION

111. History of the Ancient Mediterranean World to the Edict of Constantine. (2)

Father Courtney

*112. A Survey of Greek Civilization. (2) I cf. Classical Department

*113. A Survey of Roman Civilization. (2) II cf. Classical Department

*114. History of the Founding of Christianity. (2) Father Courtney

121A-121B. Medieval Culture. (3-3) Monsignor Dignan

A survey of the amalgamation of the Antique, Teutonic and Christian cultures and of the rich civilization known as Western which evolved from this fusion.

124. The Near and Middle East in the Nineteenth and Twentieth Centuries. (2)

Monsignor Dignan, Father Courtney

*141A. The Renaissance and Reformation. (2) I Father Courtney

*141B. The Counter-Reformation. (2) II Father Courtney

142. Europe c. 1600-1715. (2) I Father Courtney, Sister Rose Catherine

The results of the Thirty Years' War. Hugo Grotius. The age of Louis XIV. Cartesianism.

*143. Europe c. 1715-1815. (2) II Father Courtney, Sister Rose Catherine

Age of so-called enlightenment: Voltaire, Rousseau. The French Revolution. Its consequences.

*144. Europe c. 1815-1870. (2) I Father Courtney, Sister Rose Catherine

The history of Europe from the decline of Napoleon to the end of the Franco-Prussian War; a survey covering international relations and internal conditions of the major European countries, with special stress on the rise of nationalism and liberalism.

*Given in alternate years; to be given in 1960-61.

145. **Europe c. 1870-1914.** (2) II Father Courtney, Sister Rose Catherine
The history of Europe from the end of the Franco-Prussian War to the eve of the First World War. A survey covering internal conditions of the major European countries, nationalism, neoimperialism, the rise of socialism, the spread of the industrial revolution, and the diplomatic background of the First World War.
147. **Europe since 1914.** (3) Sister Agnes Bernard
Political, economic, and cultural developments since the outbreak of the First World War.
149. **History of Russia.** (3) Sister St. Francis
A general survey of the growth of the Russian Empire; the revolutionary era; the Soviet State.
151. **History of the British People since 1783.** (2) Father Courtney
- 152A-152B. **Constitutional History of England.** (2-2) Father Courtney
An intensive study of the origin and growth of the English Constitution.
- *161A-161B. **Hispanic America from the Discovery to the present.** (2-2) Sister St. Francis
- 170A-170B. **The United States.** (3-3) Yr. Sister St. Francis
An advanced survey of the political, economic, social and cultural development of the United States.
- 171A. **The United States: Colonial Period.** (2) I Sister Rose Catherine
Political, social and economic history of the thirteen colonies and their neighbors with attention to European backgrounds.
- 171B. **The United States 1750-1801.** (2) II Sister Rose Catherine
Revolution, confederation and union under the Constitution.
172. **The United States: Jeffersonianism and Jacksonianism.** (2) I Sister St. Francis, Sister St. Claire
Political and social history of the United States from 1801 to 1850 with emphasis on the Jeffersonian and Jacksonian movements, western settlement and territorial expansion, economic developments and the roots of intersectional conflict.
173. **Civil War and Reconstruction.** (2) Sister St. Francis, Sister St. Claire
The rise of sectionalism, anti-slavery crusade; the confederate states, the war, political and social reconstruction.
- *174A-174B. **The United States in the Twentieth Century.** (2-2) I Sister St. Claire
A study of the twentieth century aspects of American life; national and international problems; the place of the United States in world affairs.
- *181. **The American West.** (2) I Sister St. Francis
A study of the exploration and development of the West from the seventeenth century to the present.

*Given in alternate years; to be given in 1960-61.

188. **History of California.** (2) II Sister St. Francis
A study of the historical, economic and cultural development of California in the Spanish and American periods.
190. **Coordinating Seminar II (Without Credit).** Staff
- *191. **History of the Far East.** (2) I Sister St. Francis
Transformation of the Far East in Modern Times with introductory notes on its earlier history.
- *198. **Historiography.** (2) I Monsignor Dignan, Sister Agnes Bernard
- *199. **Special Studies in History.** (2) II Monsignor Dignan, Sister Agnes Bernard
An introduction to historical method followed by individual investigation of selected topics.
370. **Methods of Teaching History.** (2) I Sister Agnes Bernard

DEPARTMENT OF HOME ECONOMICS

Sister Cecile Therese (Chairman)

Sibyl L. Line

Grace K. Trumbo

The aims of the Department of Home Economics are two-fold: to provide (1) a cultural background which places emphasis upon the relationships and maintenance of Christian family life and (2) basic training for homemakers, teachers, dietitians, and business women.

Two programs are offered in this department:

- A. The General Program in Home Economics for students working toward teaching credentials, for those who wish to go into business, and for those who wish home economics as a background for homemaking.

Preparation for the Major: H.Ec. 1, 2, 10, 30, 31; Art 2; Econ. 2; Fine Arts 5 (Music); Zo. 24 and Chem. 34.

The Major: H.Ec. 105, 120, 134, 140, 141, 151, 152, 153, 154, 155, 156, 160, 164, 180; Additional courses may be selected from the following: H.Ec. 137, 170, 171, 199 and from other departments which are closely related with the approval of the department chairman.

- B. The Dietetics Program for students preparing for dietetic internship. On the completion of the college course, the student spends one year in a hospital or institution approved by the American Dietetic Association.

Preparation for the Major: H.Ec. 1, 2, 10; Econ. 2; Fine Arts 5A-5B; Business Adm. 1A; Chem. 1A-1B; Bact. 1; Zo. 24.

The Major: H.Ec. 105, 106, 120, 121, 164, 171, 172; Chem. 108A-B, 114; B.A. 113, 160; Ed. 171. Additional courses may be selected from the following: H.Ec. 140, 153, 154, 160, 170, 199 and from other departments which are closely related with the approval of the department chairman.

*Given in alternate years; to be given in 1960-61.

The Minor: A total of at least 18 units, 9 to 12 of which must be in upper division courses.
Required: H.Ec. 1, 10, 30, 31, 105, 140, 151; one additional course chosen from H.Ec. 153, 155, or 160.

LOWER DIVISION

- 1-2. Introduction to Foods. (3-3) Yr.** Mrs. Line
The classification, occurrence, and general properties of foodstuffs; the principles involved in food selection, preparation, and preservation. Lecture, 2 hours, Laboratory 3 hours.
- 10. Introduction to Nutrition. (2) II** Sister Cecile Therese
The principles of nutrition and their application in normal conditions of growth and physical development.
- 30-31. Elementary Clothing. (3-3) Yr.** Miss Trumbo
A study of fundamental principles of clothing construction, including a study of textiles in relation to their selection and use. Laboratory 6 hrs.

UPPER DIVISION

- 105. Meal Planning. (2) I** Miss Line
Organization and management of family food service at different economic levels with emphasis on menu planning, meal service, table appointments. Lecture, 1 hour; Laboratory, 3 hours.
- 106. Quantity Food Service. (3) II** Sister Cecile Therese
A study of the problems involved in the preparation of food in quantity. Lecture, 2 hours; Laboratory, 3 hours.
- 120. Advanced Nutrition. (3) I** Sister Cecile Therese
The chemistry of digestion and the metabolism of carbohydrates, fats, and proteins; a study of minerals and vitamins in relation to human nutrition. Prerequisite: H.Ec. 10; Chem. 4.
- 121. Diet in Disease. (3) II** Sister Cecile Therese
Human requirements for dietary essentials for infancy, childhood, and adult life; dietary calculations, modifications or normal diet for specific diseases. Prerequisite: H.Ec. 120.
- 134. Tailoring. (3) II** Miss Trumbo
A study in the selection, designing, and construction of tailored garments. Laboratory, 6 hours.
- 135. Textiles. (3) II** Miss Trumbo
A study of the physical and chemical properties of natural and man-made fibers in relation to their manufacture and use.
- 136. Modern Clothing Construction. (2) II** Miss Trumbo
The use of commercial patterns and simple processes in the construction of clothing for wear by the individual. Laboratory, 4 hours. Designed for non-majors.

137. **Pattern Making and Dress Design.** (2) II Miss Trumbo
A course designed to stimulate creative ability in the advanced student. Included are such techniques as making a dress form, a basic pattern, and self-designed costumes. Laboratory, 4 hours.
140. **Child Care and Guidance.** (3) I Sister Cecile Therese
Application of the principles of growth and development to the care and guidance of young children in the home. Open to non-majors.
141. **Laboratory for Child Study.** (1) I Child Care Center
Further study of the growth and development of children with emphasis on the pre-school period. Observation and participation in a nursery school.
151. **Selection of Home Furnishings.** (2) II Miss Trumbo
Planning the home with reference to the selection of furnishings and equipment, arrangements for minimizing work, and adaptation to the needs of families of varying incomes. Open to non-majors.
152. **Home Furnishings Laboratory.** (1) II Miss Trumbo
Practical problems in upholstery. Laboratory, 2 hours.
153. **Home Management.** (3) I, II Miss Line
A study of the current trends in the management of the resources available to the family with emphasis upon time, energy and work simplification.
150. **Home Management Laboratory.** (2) I, II Sister Cecile Therese
Supervised residence in the home management apartment for a six week period with experience in managing the activities and assuming the responsibilities involved in group living. Prerequisite: H.Ec. 105, 120; prerequisite or concurrent: 153.
155. **House Planning.** (2) I Miss Trumbo
A study of the house, environment and cost; requirements in housing to meet the needs of the modern family. Open to non-majors.
156. **House Planning Laboratory.** (1) I Miss Trumbo
A study of floor plans with reference to livability at various income levels. Laboratory, 2 hours. Open to non-majors.
160. **Interpersonal and Family Relations.** (2) I Sister Cecile Therese
A study of the function of the homemaker in the modern Catholic family; emphasis is placed upon understanding the interaction of family members and their contribution to successful family living. Open to non-majors.
164. **Personal Finance.** (3) II Mr. Bierman
Earning, saving, investing, budgeting; real and personal property; bank accounts, insurance, annuities, trusts, securities, mortgages, royalties; wills, taxation. cf. Economics 144. Open to non-majors.
170. **Demonstration Techniques.** (2) II Mrs. Line
A study to acquaint the student with the requirements expected of the home economist in business. Lecture, 1 hour; Laboratory 3 hours.

171. **Institutional Organization and Management.** (3) I Mrs. Line
A study of organization and administration as applied to institutional households, such as residence halls, hotels, hospitals, and lunch rooms.
172. **Equipment Selection.** (2) I Mrs. Line
A study of institutional equipment with reference to its selection, use, maintenance, and arrangement.
180. **Family Health, Safety and Nursing.** (2) I Mrs. Line
A study of the factors which promote health and safety and the function of the home nurse in the care of the sick. Open to non-majors.
199. **Special Problems in Home Economics.** (2-4) I or II Staff
370. **Principles of Home Economics Teaching.** (2) 1 Sister Cecile Therese
Prerequisite: 12 units of upper division course work in home economics. A survey and evaluation of methods and materials used in teaching home-making in the secondary school.

DEPARTMENT OF MATHEMATICS

Sister Rose Gertrude (Chairman)

Sister Margaret Leo

Rev. James D. O'Reilly

The courses in the Department of Mathematics are offered for those students who intend to study mathematics as a part of a liberal education, as a preparation for work leading to advanced degrees or for professional work, and as a preparation for teaching mathematics in high school.

Preparation for the Major: Required: Courses C, 1, 3A-3B, 4A, with an average grade of C or higher. Recommended: Physics 2A-2B, 3A-3B. Students who have completed trigonometry and 2 years in algebra in high school may be excused from courses C and 1 by special examination.

The Major: Twenty-four units of upper division courses including courses 102, 108, and 119. At most 3 of these units may be taken in related courses in other departments with the approval of the chairman of the Department of Mathematics.

Students who are preparing to teach mathematics in high school are advised to elect course 100.

The Minor: Minimum of 18 units in the Department of Mathematics, of which 9 units must be elected from upper division courses with the advice of the chairman of the Department of Mathematics.

LOWER DIVISION

C. Trigonometry. (2) I

Prerequisite: Plane geometry and one and one-half years of high school algebra.

1. College Algebra. (3) I

Sister Margaret Leo

Prerequisite: One and one-half years of high school algebra.

3A. Plane Analytic Geometry. (3) II

Sister Margaret Leo

Prerequisite: Courses C, 1.

The analytic geometry of the straight line, the circle, and the conic sections, polar coordinates, examples of higher loci, transformations of coordinates, parametric equations.

3B. First Course in Calculus. (3) I

Sister Margaret Leo

Prerequisite: Course 3A.

Differentiation of algebraic and transcendental functions, differentials, the law of the mean, applications.

4. Second Course in Calculus. (3) II

Sister Margaret Leo

Prerequisite: Course 3B.

Integration of standard elementary forms, the definite integral, geometric and physical applications.

UPPER DIVISION***100. College Geometry. (3) I**

Sister Rose Gertrude

Prerequisite: Course 3A.

Homothetic figures, properties of the triangle, harmonic properties, systems of circles, inversion.

102. Third Course in Calculus. (3) I

Father O'Reilly

Prerequisite: Course 4.

Solid analytic geometry, partial differentiation, series, expansion of functions, multiple integration.

108. Linear Algebra. (3) II

Sister Margaret Leo

Vector spaces, linear transformations and matrices, matrix algebra, determinants and solutions of systems of equations.

111. Introduction to Higher Algebra. (3) I

Sister Margaret Leo

Prerequisite: Course 108.

Matrices, systems of linear equations, eliminants, resultants, discriminants, congruences, elementary theory of groups.

112. Synthetic Projective Geometry. (3) I

Sister Rose Gertrude

Prerequisite: Course 4.

The principle of duality, perspectivity, harmonic sets, double ratio, projectivity theorem, Pascal's theorem and Brianchon's theorem, pole and polar theory, metric properties of conics.

113. Statistics. (3) II

Sister Rose Gertrude

Prerequisite: Course 4.

Frequency distributions, graphical representations, dispersion, normal curve, curve fitting, correlation theory, probability and statistical theory.

***115. The Theory of Numbers. (3) I**

Sister Rose Gertrude

Prerequisite: Course 108.

Number systems, divisibility, congruences.

*Given in alternate years; to be given in 1960-61.

119. **Differential Equations.** (3) II Father O'Reilly
Prerequisite: Course 102.
Solution of ordinary differential equations, applications to geometry and physics.
124. **Vector Analysis.** (3) I Father O'Reilly
Prerequisite: Course 4.
Vector algebra, vector functions, vector calculus, linear vector functions, and field theory.
127. **Mathematical Logic.** (2) II Mr. Harmse
cf. Philosophy 184.
Prerequisites: Two courses in Mathematics or Physical Sciences and two courses in Philosophy including Logic. Special permission may be granted by the instructor in special cases.
- *128. **Numerical Analysis.** (3) II Sister Rose Gertrude
Prerequisite: Course 102, or consent of the instructor.
Approximate calculations, interpolation, numerical differentiation and integration, solution of numerical algebraic and transcendental equations, empirical formulas.
199. **Special Problems.** (1-3) I, II Staff
Prerequisite: Senior standing in mathematics.
370. **The Teaching of Mathematics.** (2) I Sister Margaret Leo
Present day tendencies in the teaching of mathematics.

DEPARTMENT OF MODERN LANGUAGES

Sister Eloise Therese (Chairman)

Sister Mary Hildegarde

Sister Aline Marie

Mrs. Rejlek

The aim of the Modern Language Department is to initiate and to develop the students' knowledge of a foreign language in order that they may use it as a major subject in a teaching field as a research language in graduate work or as an effective tool in a wide range of professional endeavors.

By the study of literary masterpieces, the students are encouraged to develop individual and creative thought, and by the acquaintance with a civilization distinct from their own, they are led to broaden their aesthetic perceptions and to acquire a sympathetic understanding of international cultures through the medium of a foreign language.

*Given in alternate years; to be given in 1960-61.

Preparation for Major: A minimum of 2 years of high school Latin is recommended before taking up the study of a modern language. Only students who pronounce the modern language correctly and read it fluently will be admitted to upper division courses. Students transferring from other institutions may be tested by oral examination.

The Major: Thirty-six units of credit, of which a maximum 24 and a minimum 20 must be in the upper division; the senior comprehensive examination, and an oral lecture given in the foreign language.

The Minor: Eighteen units of credit of which at least 9 must be in the upper division.

The department recommends as a supplementary choice among the free electives: (1) The history of the country or countries most intimately connected with the major; (2) additional study in English, French, German, Italian, or Spanish literature and language; (3) the history of philosophy; (4) additional study in the fine arts.

French

Preparation for Major: French 1, 2, 3, 4, or equivalent; 8A-8B, 25A-25B, or 42A-42B.

The Major: Twenty-four units of upper division courses including 101A-101B, 109A-109B.

The Minor: Nine to 12 units of upper division courses selected from 101A-101B, 109A-109B, 114A-114B, 120A-120B.

Majors and minors, with the approval of their major advisor, may spend the spring semester of their Junior year at Laval University in Quebec, Canada.

LOWER DIVISION

1. **Elementary French. (3) I** Sister Eloise Therese, (Sec. 1)
Elementary grammar, reading, conversation and laboratory drill Mrs. Rejlek, (Sec. 2)
2. **Elementary French. (3) I, II** Mrs. Rejlek
Prerequisite: Course 1, or 2 years of high school French.
Elementary grammar, conversation and laboratory drill.
3. **Intermediate French. (3) I, II** Mrs. Rejlek
Prerequisite: Course 2, or 3 years of high school French.
Grammar, original compositions, and extensive readings.
4. **Intermediate French. (3) II** Mrs. Rejlek
Prerequisite: Course 3, or 4 years of high school French.
Grammar and conversation.
- 8A-8B or 108A-108B. **French Conversation. (1-1) Yr.** Mrs. Rejlek
Open to students who have completed course 2 or its equivalent with grade of A or B.
- 25A-25B. **Advanced French. (3-3) Yr.** Sister Eloise Therese
Prerequisite: Course 4 or its equivalent.
Emphasis is placed on the student's acquiring facility in oral and written French.
- 42A-42B or 142A-142B. **History of French Culture and Civilization. (2-2) Yr.**

UPPER DIVISION

- 101A-101B. French Composition, Oral and Written. (3-3) Yr.** Sister Aline Marie
Original compositions and stylistic analyses of selected readings. Further training in pronunciation and practice in oral French.
- 107. Folk Songs and Dances of France. (2) I** Sister Eloise Therese
Designed primarily for elementary and secondary teachers.
- *109A-109B. Survey French Literature. (3-3) Yr.** Mrs. Rejlek
Critical evaluation of literary masterpieces through the centuries.
- *112A-112B. The Nineteenth Century. (2-2) Yr.** Mrs. Rejlek
The critical evaluation of Romanticism, Realism and Naturalism.
- 114A-144B. Contemporary French Literature. (2-2) Yr.** Sister Aline Marie
The French novel, poetry, drama, and essay since 1885. Symbolism, surrealism, existentialism.
- *118. The Sixteenth Century. (2) I** Sister Eloise Therese
Renaissance and Humanist writers.
- 120A-120B. Seventeenth Century French Literature. (2-2) Yr.** Mrs. Rejlek
The classical ideal as reflected in the literary masterpieces.
- *121. The Eighteenth Century. (2) II** Sister Aline Marie
A survey of the "age of enlightenment" with specific concentration on the works of Voltaire and Rousseau.
- 190. Honors Course. (2) I** Staff
Independent research leading to a written and oral presentation of an original paper.
- 199A-199B. Special Studies in French. (2-2) Yr.** The Staff
Prerequisite: Senior standing and at least 12 units in upper division French.
- **370. The Teaching of French. (2) 1** Sister Eloise Therese
Modern trends in language teaching.

German

LOWER DIVISION

- 1. Elementary German. (3) I** To be named
Essentials of grammar and special readings.
- 2. Elementary German. (3) II** To be named
Prerequisite: Course 1, or two years of high school German.
Grammar, composition and readings.
- 3. Intermediate German: (3) I** To be named
Prerequisite: Course 2, or three years of high school German.
Grammar and extensive readings, designed to prepare students to use the language for research in their specialized fields.

**Given on request.

Italian

1. **Elementary Italian. (3) I** Sister Aline Marie
Grammar, reading and conversation with an emphasis on the cultural approach.
2. **Elementary Italian. (3) II** Sister Aline Marie
Prerequisite: Course 1.
Grammar, easy readings and conversation.
3. **Intermediate Italian. (3) I** Sister Aline Marie
Prerequisite: Course 2, or two years of high school Italian.
Grammar, original compositions, and extensive readings.
4. **Intermediate Italian. (3) II** Sister Aline Marie
Prerequisite: Course 3, or three years of high school Italian.
Advanced grammar and conversation.

UPPER DIVISION

- 101A-101B. Composition Oral and Written. (3-3) Yr.** Sister Aline Marie
Introduction to stylistic elements of Italian with extensive practice in oral and written Italian.
- *103A-103B. Survey of Italian Literature. (3-3) Yr.** Sister Aline Marie
A critical analysis and evaluation of literary masterpieces from the Middle Ages to the present.

Spanish

Preparation for Major: Spanish 1, 2, 3, 4, 8A-8B, 25A-25B or equivalent, 42A-42B.

The Major: Twenty-four units of upper division courses including 101A-101B, 102A-102B.

The Minor: Nine to 12 units of upper division courses selected from 101A-101B, 102A-102B, 110A-110B or 115A-115B.

Majors and minors, with the approval of their major advisor, may spend the spring semester of their Junior year at La Universidad Iberoamericana in Mexico City.

LOWER DIVISION

1. **Elementary Spanish. (3) I** Sister Eloise Therese (Sec. 1)
Elementary grammar, reading and conversation. Sister M. Hildegard (Sec. 2)
2. **Elementary Spanish. (3) I, II** Sister M. Hildegard
Prerequisite: Course 1, or two years of high school Spanish.
3. **Intermediate Spanish. (3) I, II** Sister M. Hildegard
Prerequisite: Course 2, or three years of high school Spanish.

4. **Intermediate Spanish. (3) II** Sister M. Hildegarde
Prerequisite: Course 3, or four years of high school Spanish.
- 8A-8B or 108A-108B. **Advanced Spanish. (3-3) Jr.** Sister Eloise Therese
Open to students who have completed Course 2 or its equivalent with a grade of A or B.
- *25A-25B. **Advanced Spanish. (3-3) Yr.** Sister Eloise Therese
Emphasis is placed on the student's acquiring a facility in oral and written Spanish. For lower division students who have had Course 4 or the equivalent.
- 42A-42B or 142A-142B. **History of Spanish Culture and Civilization. (2-2) Yr.** Sister Hildegarde

UPPER DIVISION

- 101A-101B. **Oral and Written Composition. (3-3) Yr.** Sister Mary Hildegarde
Original compositions and analyses of selected readings.
- *102A-102B. **Survey of Spanish Literature. (3-3) Yr.** Sister Eloise Therese
A critical evaluation of Spanish literature from 800-1800.
- 103A-103B. **Nineteenth Century Literature. (3-3) Yr.** Sister Mary Hildegarde
A survey of the drama and prose of this period.
- 110A-110B. **Contemporary Spanish Literature. (3-3) Yr.** Sister Aline Marie
- 115A-115B. **Readings in Classical Literature. (2-2) Yr.** Sister Aline Marie
Special emphasis is placed on the Quixote, the religious writers, and the dramatists.
190. **Honors Course. (2) I** Staff
Independent research leading to a written and oral presentation of an original paper.
- 199A-199B. **Special Studies in Spanish. (3-3) Yr.** The Staff
Prerequisite: Senior standing and at least 12 units in upper division Spanish.
- **370. **The Teaching of Spanish. (2) I** Sister Eloise Therese
Modern trends in language teaching.

Comparative Literature

8. **Comparative Language. (2) I** Staff
Diction and basic pronunciation of French, German, Italian, and Spanish. Open only to vocal majors and minors.
- **100A-100B. **Comparative Literature. (3-3) Yr.** Sister Aline Marie
Main trends and a comparative study of French, Italian and Spanish literature from the Middle Ages to the present.

*Given in alternate years; to be given in 1960-61.

**Given on request.

DEPARTMENT OF MUSIC

Florence Caylor

Sister Celestine (Chairman)

Reverend John Cremins

Matt Doran

Pattee Evenson

Sister Miriam Joseph

Joseph Rottura

Paul Salamunovich

Margaret Stromer

Sister Timothy

APPLIED MUSIC

Piano—Will Garroway, D. W. Stephen, Sister Miriam Joseph

Organ—Sister Celestine, John Lee

Voice—Helena Gerard

Harp—Maryjane Barton

Violin—Joachim Chassman, Florence Caylor

Viola—Abraham Hochstein

Cello—Harold Schneier

French Horn—Herman Lebow

Bassoon—Fowler Friedlander

Trombone—Seymour Zeldin

Trumpet—Pattee Evenson

Flute—Arthur Hoberman, Matt Doran

Oboe—Donald Muggeridge

Clarinet—Dominick Fera

The aim of the Department of Music is to present music to the student aesthetically and historically, as an element of liberal culture; to train musicians to teach, to perform and to compose. The courses which normally occupy the first two years offer the technical and theoretical training that forms the necessary basis for specialization in either applied or theoretical music.

Two national professional societies have chapters on the campus: Beta Omega chapter of Sigma Alpha Iota, a professional fraternity for women; student chapter 313 of the Music Educators National Conference.

With music as the major subject the College offers courses both theoretical and practical which lead to the degrees of Bachelor of Arts and Bachelor of Music.

Credentials:

Four Year Course: Special Secondary Credential in Music.

General Elementary Credential (see Education Department, page 48))

Five Year Course: General Secondary and Special Secondary in Music.

General Requirements:

Candidates for the degree of Bachelor of Arts with a music major and the degree of Bachelor of Music must meet the requirements of the College as stated in the catalog under ADMISSION OF STUDENTS. Placement examinations in music are given to students who plan to major in music. These include a fundamental test in theory and a performance test demonstrating proficiency in technique and in interpretation.

Two semester hours of credit shall be given for each six hours per week of practice, plus the necessary individual instruction. Students shall be required to take a minimum of one period of individual instruction per week in the major subjects in applied music throughout each year of residence.

In class subjects such as harmony, history of music, etc., and academic subjects, one semester hour of credit shall be given for one period of recitation (50 minutes) plus two hours of preparation each week of the semester, inclusive of examinations. In subjects such as ear training, sight singing, dictation, etc., where little outside preparation is required, two 50-minute recitation periods per week shall be required for one semester hour of credit.

Registration in one of the ensembles is required as part of the work in performance for all music majors and minors during each semester in residence.

Music majors and minors are required to attend three-fourths of all recitals, concerts and public lectures sponsored by the Department of Music. Students who have not met this minimum will be required to complete one additional hour in music literature for each semester deficiency.

One course in Gregorian Chant, and one course in Methods in the major field is also required before application may be made for a degree.

I. Bachelor of Arts Degree

The Major: 48 units

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony and Solfege 2A-2B-2C-2D (3-3); Survey of Music Literature 24A-24B (1-1); 4 semesters in Applied Music (1-1-1-1).

The Major: Keyboard Harmony 100 (2); Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); †Orchestration 114A (2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semester in Applied Music (2-2-2-2).

The Minor: 9-12 upper division units of classwork.

Prerequisite: Harmony and Solfege 1A-1B-1C-1D.

Pass the minimum examination in piano.

II. Bachelor of Music Degree

The four-year course leading to the degree of Bachelor of Music prepares students for performance, composition, and private teaching. For the student planning to teach in the public schools it is advisable to take the Major in Music Education which prepares for the Special Secondary Credential in Music. Candidates for a secondary teaching credential are advised to take Orchestral Instrument Survey 13, Woodwinds 27, and Brass and Percussion 28 in lower division. The student has a choice of one of the following sequences: A, B, C, or D, to be determined by her particular abilities and interests, and in conference with her advisor.

The Major: 74 units

A. The Major in Applied Music

1. Piano

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); *Survey of Music Literature 24A-24B (1-1); 4 semesters in Applied Music (4-4-4-4).

*Concert attendance required.

†Prerequisite: Orchestral Instrument Survey 13.

The Major: Keyboard Harmony 100 (2); Counterpoint 101 (2); Form and Analysis 104A-104B (2-2); Composition 105 (2); Orchestration 114A (2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); Piano Methods 130 (2); Piano Ensemble 132 (1); 4 semesters in Applied Music (4-4-4-4); Senior Recital.

2. Voice.

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey of Music Literature 24A-24B (1-1); 4 semesters of Applied Music (3-3-3-3).

The Major: Keyboard Harmony 100 (2); Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Choral Conducting 108 (2); Orchestration 114A (2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); Opera Workshop 131A-131B (1-1); 4 semester in Applied Music (4-4-4-4); Music Electives (3); Senior Recital.

Special requirement: 6 units in one foreign language; 2 units in comparative foreign languages—Diction Course.

3. Organ

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B (1-1); 4 semesters of Applied Music (3-3-3-3).

The Major: Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Choral Conducting 108 (2); Gregorian Chant 111A-111B (1-1); Orchestration 114A-114B (2-2); Improvisation and Modulation 115 (2); Music History and Literature 116 (2); Chant Accompaniment 117 (1); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semesters in Applied Music (4-4-4-4); Senior Recital; Music Electives (2).

4. Orchestral Instrument

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B-24C-24D (1-1); 4 semesters in Applied Music (4-4-4-4); Piano (individual or class), (2).

The Major: Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Instrumental Conducting and Score Reading 109 (2); Orchestration 114A-114B (2-2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semesters in Applied Music (4-4-4-4); Senior Recital; Music Electives (2).

B. Major in Theory and Composition

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B-24C-24D (1-1); Orchestral Instruments 27-28-29 (4); 4 semesters in Applied Music (2-2-2-2).

The Major: Keyboard Harmony 100 (2); Counterpoint 101A-101B (2-2); Form and Analysis 104A-104B (2-2); Composition 105A-105B (2-2); Composition 107A-107B (Advanced - private lessons) (2-2); Choral Conducting 108 (2); Instrumental Con-

ducting and Score Reading 109 (2); Orchestration 114A-114B (2-2); Music History and Literature 116 (2); Advanced Counterpoint 120A-120B (2-2); Advanced Orchestration 122A-122B (Private lessons) (2-2); Senior Recital of Original Compositions; Music Electives (4); Music History and Literature 124A-148B (2-2); Music History and Literature 125 (2).

C. Major in Music Education

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4); Harmony Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey in Music Literature 24A-24B (1-1); Orchestral Instruments 27-28-29 (4); 4 semesters in Applied Music (2-2-2-2); Voice or Piano (Individual or Class) (2); Ensembles (2).

The Major: Keyboard Harmony (2); Counterpoint 101A (2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Voice Class Technique 106 (2); Choral Conducting 108 (2); Instrumental Conducting and Score Reading 109 (2); Orchestration 114A-114B (2-2); Music History and Literature 116 (2); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); Methods in Major or Minor Field (2); 4 semesters in Applied Music (2-2-2-2); Ensembles (2); Music Electives (1).

D. Major in Church Music

Preparation for the Major: Harmony and Solfege 1A-1B-1C-1D (4-4) Harmony and Solfege 2A-2B-2C-2D (3-3); Orchestral Instrument Survey 13 (1); Survey of Music Literature 24A-24B (1-1); Applied Music (Organ) (2-2-2-2); Voice (Individual or Class) (2).

The Major: Counterpoint 101A-101B (2-2); Form and Analysis 104A-104B (2-2); Composition 105A (2); Choral Conducting 108 (2); Gregorian Chant 111A-111B (1-1); Music of the Liturgical Year 112 (2); Orchestration 114A-114B (2-2); Improvisation and Modulation 115 (2); Music History and Literature 116 (2); Chant Accompaniment 117 (1); Music History and Literature 124A-124B (2-2); Music History and Literature 125 (2); 4 semesters in Applied Music (2-2-2-2); Music Electives (6). Special requirement: Liturgical Latin course required if not completed in high school (2).

A candidate for a California State teaching credential with a major or minor in music must fulfill, in addition to the degree and major requirements, the professional sequences as outlined in the Department of Education.

A minimum of 4 units each of voice and piano, and 6 units of orchestral instruments and conducting is required of all candidates for the general secondary credential or the special secondary in music. For instruction in the method of teaching music, see course description for Education M330 and M370. All candidates for a degree and for recommendation for a secondary teaching credential must pass a final examination in piano and voice before completing their work at the College.

Fifth year requirements for a general secondary credential:

1. One subordinate teaching field is required as well as a major in music. (See Education)

2. Six units of Music chosen from the following: (See **Graduate Bulletin**)
 Music 270-270B. Practicum in Music Education. (2-2)
 Music 199. Integrated Study of the Cultural Trends in the Fine Arts. (2)
 Music 205. The Art of Choral Development. (2)
 Music 209. Materials of Modern Music. (2)
 Music 236-237-238-239. Applied Music. (2)

Technique of Music

Individual instruction is offered in all courses of Applied Music.

Minimum Requirement Examination in Piano

All music majors and minors (piano and organ majors excepted) must take the examination at some time during their piano study. Satisfactory performance of this examination is a requirement for graduation. All music majors and minors (organ majors excepted) must take a minimum of 4 units of piano, and as many more as may be necessary to pass this examination.

Requirements for Piano Majors

Freshman Year:

1. Scales, arpeggios, technical problems as required by instructor.
2. Bach—selected two-part inventions.
3. Easier sonatas of Haydn or Mozart.
4. Romantic repertory, approximate difficulty of Debussy's "Girl with Flaxen Hair."
5. Memorized program.

Sophomore Year (Examinations at end of second semester):

1. Scales, arpeggios and technical problems as assigned.
2. Bach—selected three-part inventions or easier preludes and fugues.
3. Easier Beethoven sonatas, approximate difficulty of Op. 2 or Op. 10.
4. One or more romantic studies.
5. Modern repertory.

Junior Year:

1. Technical studies as assigned by instructor.
2. Bach—prelude and fugue or a complete suite, partita or toccata.
3. Beethoven sonata of approximate difficulty of Op. 27 or Op. 31, or some other large work of comparable difficulty.
4. Romantic period—a Chopin or Liszt etude or a Brahms rhapsody.
5. Modern period—concert piece of approximate difficulty of one of Debussy's "Images."
6. Accompanying techniques.

Senior Year: Senior Recital.

Requirements for Organ Majors

Freshman Year:

Various types of touch, pedal etudes such as Douglas, Stainer.
 Easier preludes and fugues of Bach.

Sophomore Year:

Continued pedal studies such as Schneider, Salvador.
 Chant accompaniment.
 Further study of Bach.
 Registration.

Junior Year:

More advanced compositions by Bach, Handel and modern composers.
 Mass accompaniment.

Senior Year:

Senior Recital.

Requirements for Violin Majors

First Year: Technique; shifting, double stops, vibrato, staccato, etc.

Scales.

Studies: Fischel, Op. 9, 10, 11.

Pieces of average difficulty.

Second Year: Technique—Sevcik—continuation of first year's work.

Scales—three octaves memorized. Studies—Kreutzer.

Pieces—Development of style in interpretation.

Third Year: Technique: Sevcik Op. Book 3-4; Scales, chromatics and arpeggios through three octaves. Kreutzer Studies. Concertos by Mozart.

Pieces: Kreisler-Burleigh; Sonatas, Tartini and Handel.

Fourth Year: Senior Recital.

LOWER DIVISION**1A-1B. Harmony and Solfege. (4-4)**

Sister Timothy

A course in music theory. Formation of scales, intervals, triads and their inversions, cadences, chord connections, four part writing, keyboard application, sight singing, ear training, dictation twice a week.

2A-2B-2C-2D. Harmony and Solfege. (3-3)

Mr. Doran

Use of all diatonic harmonies. Advanced chromatic harmonies. Attention to different styles of harmonization. Modulations and keyboard. Continuation of ear training, dictation, and keyboard harmony.

5. Fine Arts. (1) I, II

Sister Timothy

The study of fundamental concepts in music, and the development of basic listening skills.

6. Fine Arts. (1) I, II

Sister Celestine, Sister Ignatia

Music and Art in America.

7. Elementary Voice. Class (1-1)

Mrs. Gerard

Production of a good tone through the development of the tone concept of the pupil and of correct physical prerequisites; vocalises and simple songs.

- 9A-9B-9C-9D. Choral. (1-1-1-1) Paul Salamunovich
- 10A-10B-10C-10D. Orchestra. ($\frac{1}{2}$ unit each semester) Mrs. Caylor
- 11A-11B. Gregorian Chant. (1-1) Sister Miriam Joseph
Fundamentals of Gregorian rhythms; the modes; simple and compound neumes; studies of the chants of the Mass.
13. Orchestral Instrument Survey (1) 1, II Mrs. Caylor
Study of strings, woodwinds, brass and percussion. Fundamental playing knowledge of each.
- 21A-21B-21C-21D. Madrigal Singers. (2-2-2-2)
- 24A-24B. Survey of Music Literature. (1-1) Sister Timothy
Designed to familiarize the student with standard music masterpieces, selected recordings; live concerts.
25. Piano Class Instruction. (2) II Sister Miriam Joseph
Offered for non-piano majors. Practical instruction on the keyboard and ease and accuracy in sight reading.
27. Woodwinds. (2) I Mrs. Caylor
28. Brass and Percussion Instruments. (2) II Mrs. Caylor
29. Strings. (2) I Mrs. Caylor
30. Acoustics. (3) Mr. Rottura
Deals with principles of sound with particular emphasis on their application to music, musical instruments, speech, acoustics, etc.
Lecture and Demonstration.
See Physics 30.
- Applied Music—Individual Instruction. Staff
- 35A-35B-35C-35D. Elementary Piano. (1-1-1-1)
- 36A-36B-36C-36D. Piano.
- 37A-37B-37C-37D. Organ.
- 38A-38B-38C-38D. Voice.
- 39A-39B-39C-39D. Violin.
- 40A-40B-40C-40D. Ensemble Group Instruction. ($\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$) Yr.
- 41A-41B-41C-41D. Harp.
- 42A-42B-42C-42D. Viola.
- 43A-43B-43C-43D. Cello.
- 44A-44B-44C-44D. Bass.
- 45A-45B-45C-45D. French Horn.

46A-46B-46C-46D. Bassoon

47A-47B-47C-47D. Trombone.

48A-48B-48C-48D. Trumpet.

49A-49B-49C-49D. Flute.

50A-50B-50C-50D. Oboe.

51A-51B-51C-51D. Clarinet.

52A-52B-52C-52D. Percussion Instruments.

104A-104B. Form and Analysis. (2-2) Yr.

Mr. Doran

UPPER DIVISION

100. Keyboard Harmony. (2) II

Sister Celestine

Review of modulation and chromatic harmonies, transposition, harmonization of melodies in free accompaniment style.

101. Counterpoint. (2) Yr.

Sister Celestine

Elements of part-writing two, three, and four voices.

102. Materials and Presentation of Music for Listening. (2) II

Sister Timothy

Offered especially for students preparing for the general elementary teaching credential.

104A-104B. Form and Analysis. (2-2) Yr.

Sister Celestine

A review of the simple structural elements such as section, phrase, and period. The binary, ternary, rondo, and sonata-allegro. Second semester: analysis of the larger forms. Analysis of representative works of the modern period.

105A-105B. Composition. (2-2) Yr.

Mr. Doran

Study of analysis of formal elements of music composition, and their application to original work; the motive, phrase, period song forms, suite, rondo-forms, sonata-allegro and variation forms.

106. Voice Techniques. (2)

Mrs. Sundgren

107. Composition. (2-2) Yr.

Mr. Doran

108. Choral Conducting. (2) I

Conducting of assembly singing and of choral works suitable for use with school choral groups. Technique of baton and use of left hand for expressive purposes. Materials for choral groups.

109. Instrumental Conducting and Score Reading. (2) II

Mrs. Caylor

Study of orchestral works suitable for high school groups.

110A-110B. String Ensemble. (1-1) Yr.

Mrs. Caylor

The study of interpretation of string literature.

111A-111B. Gregorian Chant. (1-1) Yr.

Sister Miriam Joseph

Gregorian musical forms; hymns of the office; sequences; modal analysis and chironomy.

112. **Survey of the Liturgical Year.** (2) II Father Cremins
A course covering the chants and propers of the liturgical cycle. Study of the *Motu Proprio* of Pope Pius X.
- 114A-114B. **Orchestration.** (2-2) Yr. Sister Timothy
Study of compass, technique, color; possibilities of all instruments of the orchestra and band, and their combinations. Combinations of the different sections of the orchestra in "tutti" as well as in contrasting passages.
Prerequisite: 13 or equivalent.
116. **Music History and Literature I.** (2) I Mr. Evenson
The development of music from antiquity through Palestrina and his contemporaries and through the madrigal composers.
117. **Chant Accompaniment.** (1) II Sister Celestine
- 118A-118B-118C-118D. **Orchestra. Continuation of 10D.** ($\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$) Mrs. Caylor
- 119A-119B-119C-119D. **Choral. Continuation of 9D.** (1-1-1-1) Paul Salamunovich
- 120A-120B. **Advanced Counterpoint.** (2-2) Yr. Sister Celestine
Imitation, double counterpoint in the octave, tenth, and twelfth.
- 121A-121B-121C-121D. **Madrigal Singers.** (2-2-2-2)
- 122A-122B. **Advanced Orchestration.** (2-2) Sister Timothy
- 123A-123B-123C-123D. **Chamber Music.** (2-2-2-2) Mrs. Caylor
- 124A. **Music History and Literature II.** (2) II Mr. Evenson
From the beginnings of instrumental music through the baroque and Viennese classical composers.
- 124B. **Music History and Literature III.** (2) I Mr. Evenson
The romantic period from Beethoven through the post-romantic composers: Strauss, Rachmaninoff, and Sibelius.
125. **Music History and Literature IV.** (2) II Mr. Evenson
Nationalism, impressionism, and modernisms.
126. **Survey of Opera.** (2) II Mrs. Stromer
127. **Woodwinds—Methods and Materials.** (1) Staff
128. **Brass and Percussion—Methods and Materials.** (1) Staff
129. **Strings—Methods and Materials.** (1) Staff
130. **Methods in Major Field.** (2) II Staff
131. **Opera Workshop.** (1-1) Yr. Mrs. Stromer
Rehearsal, preparation, and workshop performance of opera.
- 132A-132B. **Piano Ensemble.** (1-1) Yr. Sister Miriam Joseph
- 133A-133B-133C-133D. **Literature and Performance Class.** (Cr.) Staff

134A-B. Piano Class Instruction (1) (2) I, II Sister Miriam Joseph
Offered for non-piano majors. Practical instruction on the keyboard and ease and accuracy in sight reading.

135. Piano Class Instruction. (2) I Sister Miriam Joseph
This course is planned for voice and instrumental majors with emphasis on practical musicianship; fundamental principles of piano playing.
Applied Music—Individual Instruction.

136A-136B-136C-136D. Piano.

137A-137B-137C-137D. Organ.

138A-138B-138C-138D. Voice.

139A-139B-139C-139D. Violin.

141A-141B-141C-141D. Harp.

142A-142B-142C-142D. Viola.

143A-143B-143C-143D. Cello.

144A-144B-144C-144D. Bass.

145A-145B-145C-145D. French Horn.

146A-146B-146C-146D. Bassoon.

147A-147B-147C-147D. Trombone.

148A-148B-148C-148D. Trumpet.

149A-149B-149C-149D. Flute.

150A-150B-150C-150D. Oboe.

151A-151B-151C-151D. Clarinet.

152A-152B-152C-152D. Percussion Instruments.

155. Teaching of Music Theory. (2) Staff

157. Music Criticism. (2)

172. Psychology of Music. (2) Mrs. Caylor
Study of the psychological approach to music; nature of musical taste, musical abilities. Application of music to therapy and industry.

***197A-197B-197C-197D. Piano Literature.** (1-1-1-1) Artist Teachers

***198A-198B-198C-198D. Master Piano Class.** (1-1-1-1) Leonard Pennario

***199A-199B-199C-199D. An Integrated Course in the Cultural Trends**
in the Fine Arts. (2-2-2-2) Father Cremins, Sister Celestine, Sister Ignatia

*Given in Summer Session.

Professional Courses

- 330. Elementary Music Education. (2) I** Sister Miriam Joseph
 Prerequisite: Course 3. Required of candidates for the general elementary credential.
 Curriculum and materials in the elementary school. The child voice and singing; rhythm training.
 Methods and material for music history and appreciation.
 Lesson planning and teaching.
- 369. Elementary Music Education for Majors and Minors. (2) I**
- 370. Music Education in the Secondary School. (3) I**
 Cf. Education M370.
- 377. Supervised Teaching—Music. (4) II**
 Cf. Education M377.
- 3. Solfege. (2) II** Sister Miriam Joseph
 Music-reading, dictation, and vocal technique for elementary teachers. This course or its equivalent is required of all candidates for the general elementary teaching credential. Class meets three times a week one period being a laboratory period.
 This requirement may be met by examination.
 No credit towards the degree for music majors.

DEPARTMENT OF NURSING

Sister Mary Rebecca (Chairman)
 Sister Albert Mary
 June Konrad
 Mildred Grafford
 Sister John Bernard
 Sister Richard Joseph

Anne Wiebe
 Betty Williams
 Marjorie Cogan
 Marlene Hermer
 Eloise King

The aim of the Department of Nursing is to prepare young women for professional nursing service in beginning positions in hospitals and other community health agencies.

The Department of Nursing is accredited by the California State Board of Nurse Examiners for the basic professional program in nursing, has received full accreditation from the National League for Nursing, and in addition has been approved to prepare nurses for beginning positions in public health nursing.

The curriculum covers a period of four academic years. At the completion of the program, the student receives the Bachelor of Arts degree and is eligible to take the state examinations for the license to practice nursing as a registered nurse, and to use the title R.N. She is also granted the public health nursing certificate by the California State Department of Public Health.

Preparation for the Major: Zoology 51A-51B; Bacteriology 1; Home Economics 10; Psychology 1A-1B; Nursing 10, 25A-25B.

The Major: Thirty units of upper division nursing courses.

Other required courses offered concurrently with the major: Sociology 101, 180, Education 171, Public Health 102.

LOWER DIVISION

10. Orientation to Nursing. (2) 1 Sister Mary Rebecca

A course designed to acquaint the student with the profession of nursing and the responsibilities of the profession in meeting total health needs.

25A-25B. Introductory Medical-Surgical Nursing. (3-3) Yr.

Sister Albert Mary, Miss Wiebe, Mrs. Hermer, Miss King

A study of the basic scientific principles and fundamental concepts of nursing as applied to the individual care of patients with medical and surgical conditions, with emphasis placed upon the positive aspects of health and total nursing care. Pharmacology and diet therapy are integrated throughout. Offered during both semesters of the sophomore year.

UPPER DIVISION

104A-104B. Maternal and Child Health Nursing. (6-6) Yr.

Miss Cogan, Sister Richard Joseph

A study of the nursing care of mothers and children, the factors that affect maternal and child health, and the functions of the nurse in this clinical area. Emphasis is placed on meeting the needs of the mother, child and family in both health and disease. Guided participation in the care of patients in hospitals, clinics and other community agencies.

106. Psychiatric Nursing. (6) I, II Sister John Bernard

A study of current concepts in the care of patients with psychiatric conditions; the principles of psychiatric nursing and their application in the care of patients; and a consideration of emotional illness as a community health problem. Supervised field experience at the Brentwood Neuropsychiatric Hospital.

108. Medical-Surgical Nursing. (6) I, II Miss Grafford

Instruction and guided experience in the nursing care of patients with complex nursing needs. Opportunity is provided for participation in the planning and organization of the nursing team. Offered during the senior year.

109. Community Nursing. (6) I, II Mrs. Konrad, Mrs. Williams

Application of public health nursing principles and methods of teaching to individuals, families and groups in clinics, schools and homes; emphasis on the role of the nurse in the promotion and maintenance of community health. Supervised field experience in the Los Angeles City Health Department.

114. Survey of Nursing. (2) I, II Sister John Bernard

A survey of the professional field of nursing, with consideration of the historical, social and professional trends; a study of professional organizations, activities, and legislation relating to nursing.

Public Health

102. Preventive Medicine and Public Health. (3) I Dr. Gilman

A study of the philosophy of public health and the epidemiological approach to

public health problems, community programs for the control of communicable and non-communicable diseases, environmental sanitation, and a consideration of fundamental principles of organization and administration in public health.

Field practice in nursing begins in the fall semester of the sophomore year and continues for six semesters. During this time the students attend classes on the college campus and have field assignments in community hospitals and public health agencies under the direct supervision of the faculty of Mount St. Mary's College.

PHILOSOPHY

Sister Cornelia Mary

George Harmse

Philosophy supplies the student with a tool for integrating the arts and the sciences on the natural plane. It furnishes the student with the fundamental truths regarding man, the universe and God as attained through unaided reason, and with a set of values capable of being translated into right living.

The Minor: Courses 1 and 6, and 14 units in upper division courses.

LOWER DIVISION

1. **Logic.** (2) I Mr. Harmse
Formal and material logic: The science of correct and true thinking.
6. **Philosophy of Man.** (2) II Sister Cornelia Mary
A study of the nature of man. The substantial unity of man; the vegetative, sentient and rational life of man. The human soul, the principle of life in man.

UPPER DIVISION

100. **History of Ancient and Medieval Philosophy.** (2) I Sister Cornelia Mary
A survey of the history of Western philosophical thought from Thales to Duns Scotus.
102. **History of Modern Philosophy.** (2) II Mr. Harmse
A systematic study of the development of modern philosophy from Descartes to the contemporary thinkers.
- 105A-105B. **Ethics.** (2-2) Yr. Sister Cornelia Mary
General ethics and moral values. Individual and social ethics.
106. **Philosophy of Nature.** (2) I Sister Cornelia Mary
A study of the fundamental principles and causes of mobile being. An analysis of the intrinsic and extrinsic causes in nature, motion, time, space, quantity, and infinity.
107. **Philosophy of Being.** (2) II Dr. Harmse
A study of being as being. The constitutive principles of being; the notion of being; the efficient and final causes of finite being; the transcendental properties of being; substantial and accidental beings.
108. **Philosophy of God.** (2) I Mr. Harmse
A study of the First Being, God. Reasoned knowledge about the existence, attributes, and operations of the First Being; the origin and government of the universe.

- 109A-B. Contemporary Philosophy. (2-2) Yr.** Mr. Harmse
A systematic analysis of contemporary thought, using the following specific schools of thought as foci: Existentialism, Dialectical Materialism (Communism), Logical Empiricism, Thomism.
- 111. Philosophy of Truth. (2)** Sister Cornelia Mary
The science of the truth-value of knowledge; the problem of the possibility of valid knowledge, the validity of the various products of the acts of knowing, and the criterion of truth. The historical setting of the problem.
- 112. Aesthetics. (2) I** Sister Cornelia Mary
A study of the fundamental causes of beauty in nature and in art. An analysis of the intrinsic and extrinsic causes of the beautiful as found in nature and in the fine art product.
Special Problems: The application of the general principles of aesthetics to the various species of fine arts.
- 184. Mathematical Logic. (2) II** Mr. Harmse
The elements and methods of mathematical logic, with accent on symbolic manipulation, description, and the foundations of deductive systems.
Prerequisite: Two courses in mathematics or the physical sciences and two courses in philosophy including logic. Special permission may be granted by the instructor in special cases.

DEPARTMENT OF PHYSICAL SCIENCES

Sister Alice Marie (Chairman)

Reverend James O'Reilly

Sister Cecilia Louise

Ann Stevenson

Hallie Bundy

The Department of Physical Sciences aims to develop clear and logical thinking in students through correct application of the scientific method. It strives to encourage an appreciation of the world of science and of the great scientists.

The department includes the fields of Chemistry, Biochemistry, Physics and Physical Science. A major is offered in Chemistry, Biochemistry, and Physical Science.

A minor is offered in Chemistry and Physics.

Objectives of the department include:

(1) A general knowledge of the field of physical science with emphasis on one of the following areas of interest:

- a. Analytical, inorganic and physical chemistry.
- b. Organic and biochemistry.
- c. Nature and composition of the physical universe.
- d. The principles of physics as a basis for the interpretation of physical data.

(2) Skilled techniques and preparation for graduate research, and for the professional use of chemistry in the teaching, clinical or industrial fields.

The department offers three programs of study: (1) General Chemistry to prepare the student for research positions in industry, for positions with professional rating in government service, and for admission to schools of medical science and pharmacy; (2) General Biochemistry in preparation for biochemical research, or Medical Biochemistry to prepare her for medical technology; (3) Physical Science to fulfill the requirement for the general secondary credential with a major in chemistry or physical science.

A comprehensive examination or a laboratory project is required at the end of the senior year.

General Chemistry

Preparation for the Major: Chemistry 1A-1B, 2A-2B which must be passed with a grade of C; Chemistry 5A-5B; Physics 2A-2B; 3A-3B; Chem. 10A-10B—Mathematics for Science, (or Math. C, 3A); Math 3B, 4; and a reading knowledge of German or French.

The Major: The minimum requirement for the major: Chemistry 100 or 101, 110A-110B, 111A-111B, 112A-112B, and 121 or 122. The remainder of the required 24 upper division units is to be taken in chemistry and related courses.

Biochemistry

A major in chemistry with emphasis on biochemistry and related fields and a minor in Philosophy, Mathematics or the Life Sciences are suggested.

Preparation for the Major: Chemistry 1A-1B, 5A-5B; Physics 2A-2B; Chem. 10—Mathematics for Science; and a reading knowledge of German or French.

The Major: The minimum requirement for the major in Chemistry 108A-108B, 112A-112B, and 135; Zo. 150. The remaining units may be taken in related courses with approval of the Chairman of Department of Chemistry.

The Major in the Medical Technology Program: This program prepares the student for the bachelor's degree and for the examinations required for certification by the State and the National Registry of Medical Technologists. This certification qualifies the student for the position of technologist in hospitals, public health departments, research centers or physicians' laboratories.

The program is coordinated with the Veterans Administration Center at West Los Angeles where the in-service training may be completed during the student's third and fourth years.

For the major in Chemistry in this program, consult Chairman of Department of Chemistry.

General Secondary Credential with Teaching Major in Physical Sciences

This program is open to those students who plan to teach the physical sciences in secondary schools. The course offers a five-year program leading to the degree of B.S. or B.A., and to the recommendation for a general secondary credential.

The minimum requirement for the teaching major is: Chemistry 1A-1B, 2A-2B; Chemistry 5A-5B; Physics 2A-2B, 3A-3B; Chem. 10A-10B—Math. for Science; Math. 3B; Phy. Sci. 111, 112; 7 units chosen from Chem. 100, 108, 113; 3 units chosen from Chem. 110, 111, 121; 4 units chosen from Physics 105, 110, 131, Phy. Sci. 130, 150.

Post graduate year: Six units of graduate and upper division chemistry or physics with the approval of the department; Physical Science 370; education courses required for the general secondary credential.

Additional undergraduate requirement: Zoology 2 or the equivalent.

A minor in an allied field, e.g. mathematics, is suggested.

Chemistry

LOWER DIVISION

- 1A-1B. General Chemistry. (3-3) Yr.** Sister Cecilia Louise
1A—Fundamental principles of chemistry and a detailed study of the chemistry of inorganic compounds. Lecture, 3 hours.
1B—Continuation of 1A, which is prerequisite. Lecture, 3 hours.
- 2A-2B. General Chemistry Laboratory. (1-1) Yr.** Miss Stevenson
Laboratory to accompany Chem. 1A-1B, 3 hours.
- 4. Essentials of Chemistry. (4) II** Miss Stevenson
Selected fundamental principles of general inorganic, organic, and physiological chemistry. Lecture, 3 hours; laboratory, 3 hours.
- 5A-5B. Analytical Chemistry. (3-3) Yr.** Sister Alice Marie, Miss Doyle
5A—Quantitative Analysis: Principles and laboratory techniques of gravimetric and volumetric analysis.
5B—Qualitative Analysis: Theory of analytical separations, identifications, and determinations with laboratory work on the separation and identification of the common metals and acid radicals.
- 10A-10B. Mathematics for Science. (3-3) Yr.**
The essentials of advanced algebra, trigonometry and analytic geometry for students not majoring in mathematics. Recommended for chemistry majors. Credit allowed by mathematics department.

UPPER DIVISION

- *100. Organic Synthesis. (3 to 4) II**
Prerequisite: Chemistry 112A-112B.
Selected group of organic preparations to give the student additional experience in the more advanced laboratory methods of organic chemistry. Lecture, 1 hour; laboratory, 6 hours.
- 101. Qualitative Organic Analysis. (3) II** Sister Cecilia Louise
Prerequisite: Chemistry 112A-112B.
Study of the methods of separation and identification of organic compounds through the use of solubility, type reactions, derivatives. Lecture, 1 hour; laboratory, 5 hours.
- 108A-108B. Biochemistry. (3-3) Yr.** Miss Bundy
Prerequisite: Organic Chemistry 112A or 114.
The general properties of living matter, carbohydrates, fats, proteins, and the fundamental processes which go on in the body. Lectures and laboratory.

*Given in alternate years; to be given in 1960-61.

- 108C-108D. Biochemistry Laboratory. (3-4) Yr.** Mr. Kingsley
Current medical laboratory procedure for the colorimetric determinations of the various biochemical constituents in blood, serum, plasma and other body fluids utilizing basic principles and concepts.
- †**108C-108D. Biochemistry Laboratory. (3-4) Yr.** Mr. Kingsley
Laboratory procedures and techniques with emphasis on clinical biochemistry.
- 109. General Laboratory Practice. (1-2) I, II** Mr. Kingsley
The routine clinical laboratory examination of urine by qualitative, quantitative, and microscopic methods; Addis count and special qualitative and semi-qualitative tests for BSP, calcium, urobilin, Bence-Jones proteins, etc.
- *110A-110B. Physical Chemistry. (3-3) Yr.** Sister Alice Marie
Prerequisites: Chemistry 5A-5B; Physics 2A-2B.
A study of the theoretical principles applicable to all branches of chemistry.
- *111A-111B. Physical Chemistry—Laboratory. (2-2) Yr.** Sister Alice Marie
Prerequisites: Courses 110 and Math. 3B.
Physico-chemical problems and measurements.
- *112A-112B. Organic Chemistry. (3-3) Yr.** Sister Cecilia Louise
112A—Study of various homologous series of aliphatic compounds with special emphasis on structure, reaction mechanism and the application of organic chemistry to daily life.
112B—Extension of 112A to include the proteins, carbohydrates, and the aromatic series.
- *113A-113B. Organic Chemistry Laboratory. (1-1) Yr.** Sister Cecilia Louise
Selected organic preparations and elementary analysis, to accompany Chem. 112A-112B, 3 hours.
- 114. Essentials of Organic Chemistry. (3) I** Sister Cecilia Louise
Introduction to the general theory of organic chemistry and the study of the aliphatic, aromatic and heterocyclic compounds.
- **115. Optical Methods of Analysis. (2) II**
Theories underlying use of optical instruments in analysis: colorimeter, polariscope, spectrophotometer, refractometer, etc. Lectures, demonstration, laboratory.
- 121. Advanced Inorganic Chemistry. (3) I** Sister Cecilia Louise
Prerequisite: Chemistry 5A-5B.
A thorough review of the periodic relationships among the chemical elements and their compounds, as well as advanced study of atomic and molecular structure.
- *122. Advanced Organic Chemistry. (2 or 3) II**
Prerequisite: Chem. 112A-112B.
The study of reaction mechanisms through detailed discussion of individual organic reactions with emphasis on the theoretical aspects of organic chemistry.

*Given in alternate years; to be given in 1960-61.

†Veterans Administration Center.

****†126. Physical Organic Chemistry. (3) II**

Prerequisite: Chemistry 110A-110B, 112A-112B.

The theory of structure of organic molecules. Stress on relationship between molecular structure and physical properties, such as molecular spectra and dipole moment. Theory of resonance and its connection with reactivity of organic molecules.

***130. Physical Biochemistry. (3)** Miss Bundy

135. Biochemical Preparations. (2-3) Miss Bundy

197. Coordinating Seminar. (1) Staff

****198. Methods of Undergraduate Research. (2) II** Staff

The preparation and the use of bibliographies, methods of research, and the technique of thesis writing.

199. Selected Problems in Chemistry and Biochemistry. (1 to 4) I, II Staff

Undergraduate research in advanced inorganic, organic, physical or biochemical chemistry to be arranged to meet the demands of advanced students.

****370. The Teaching of Chemistry. (2) I** Sister Alice Marie

Lesson presentation in chemistry for secondary level.

Physics

LOWER DIVISION

2A-2B. Physics Lecture. (3-3) Yr. Father O'Reilly

Recommended: Three years of high school mathematics, or two years high school and one 3 unit course in college algebra or trigonometry.

Introduction to the principles of mechanics, heat, sound, light, magnetism and electricity. Solution of problems.

3A-3B. Physics Laboratory. (1-1) Yr. Father O'Reilly

35. Physics of Sound. (3) II Mr. Rottura

Deals with the principles of sound with particular emphasis on their application to music, musical instruments, speech, acoustics, and public address systems. Designed primarily for music majors. Lecture 2 hours; laboratory, 2 hours.

105A-105B. Intermediate Mechanics. (3-3) Yr. Father O'Reilly

Prerequisites: Mathematics 102, 119.

A vectorial treatment of the statics and dynamics of a particle and of rigid bodies. Oscillations and wave-motion.

***110. Introduction to Modern Physics. (3) II**

An intermediate course in general physics with particular reference to the more recent developments and their applications.

††May be taken for graduate credit.

**To be given on request.

*Given in alternate years; to be given in 1960-61.

131A-131B. Atomic and Nuclear Physics. (3-3)

Father O'Reilly

A. Descriptive treatment of the evidence for the atomic structure of matter, light and electricity. A study of optical and X-ray spectra, electronic structure of the atom, extra-nuclear processes, periodic table of elements. Solution of simple problems.

B. Nuclear spectroscopy and structure.
Nuclear processes.

Physical Science**1. Physical Elements of Geography. (4) II**

Sister Alice Marie

11. Introduction to Physical Science. (4) I

Sister Alice Marie

An introduction to the physical laws and their application in the solar system, conservation of matter and energy, elementary geology, etc. Lecture and laboratory.

111. Physical Science. (3)

Deals with the physical laws and their application to astronomy, conservation of matter and energy, and introductory geology. Not open to students having credit in Phy. Sci. 11.

****112. Advanced Physical Science. (3) II**

Sister Alice Marie

Particular emphasis on the fields of astronomy and geology. Designed especially for students working towards the secondary credential in Physical Science.

****130. Modern Physical Science. (3)**

Prerequisite: Phy. Sci. 11 or 111.

Recent and current development in the physical sciences. Discussions concerning such phenomena as radioactivity, cosmic rays, nuclear energy, tracer techniques, findings of the current IGY.

***150. Readings in the Physical Sciences. (2) II**

Sister Alice Marie

Reading from selected materials followed by informal class discussion. Writings of the great scientists of the past; their impress on present day physical science.

*Given in alternate years; to be given in 1960-61.

**To be given on request.

POLITICAL SCIENCE

Sister Agnes Bernard
Sister St. Claire

Sister Rose Catherine
Father Courtney

LOWER DIVISION

1. **Introduction to Government.** (2) I Sister St. Claire
An introduction to the principles and problems of government, with particular emphasis on national government in the United States. This course is designed to fulfill the American Institutions requirement in part.
2. **Introduction to Government.** (2) II Sister St. Claire
A comparative study of constitutional principles, governmental institutions, and political problems of selected governments abroad.

UPPER DIVISION

101. **American Institutions.** (2) II Sister Rose Catherine
The formation and development of the national and state administrative systems, American legislative bodies, the national and state judicial systems, American territories and dependencies. American citizenship, the party system, and local government institutions.
- *110. **History of Political Ideas.** (2) I Father Courtney
An exposition and analysis of major political theories from Plato to the eighteenth century.
- *118. **Theory of the State.** (3) II Sister Rose Catherine
The nature of the state, its organization and activities, and its relation to individuals and to other states.
125. **Foreign Relations of the United States.** (3) I Sister Agnes Bernard
A survey of the factors entering into the formation and carrying out of American foreign policy.
- *133A-133B. **Principles of International Law.** (3-3) Yr. Sister Agnes Bernard
Reading from representative treaties and journals, and from state documents and diplomatic and judicial cases, with introductory research. The subject is covered in the first semester mainly from readings, in the second semester from cases.
- *150. **Papal Pronouncements on the Political Order.** (2) I
151. **Political Theories of 19th and 20th Centuries.** (2) Monsignor Dignan
161. **The Anglo-American Legal System.** (3) II Sister Agnes Bernard
Evolution of the English common law courts and their legal system, with special emphasis on the contributions made by canon law, the law merchant and equity; the theory of *stare decisis* as illustrated by the evolution of modern rules of negligence.
- 167A-167B. **Constitutional Law of the United States.** (2-2) Yr. Sister Agnes Bernard
Fundamental principles and important cases.
- *171. **State and Local Government.** (3) Sister St. Claire
Development of state constitutions; the political, administrative, and judicial systems of state and county government; and relations between the state and local rural government, with special reference to California

PSYCHOLOGY

George Harmse

Sister Mercia Louise

M. John Schumacher

LOWER DIVISION

- 1A-1B. General Psychology. (3-3)** Mr. Harmse
An introduction to the science of human behaviour and the dynamics and facts of interpersonal relations.
- 3. Introductory Psychology. (3) I**
An elementary course providing orientation to the field of psychology. Includes consideration of perception, imagination, thought, feeling, emotion, intelligence and personality.
- 10. Psychology of Learning. (1) I** Sister Mercia Louise
This course concentrates on these problems: development of effective study habits, vocabulary building and improvement of reading.
- 33. Personal and Social Adjustment. (3) II**
Prerequisite: Course 3.
Principles of mental hygiene; orientation in the practical use of psychological principles in problems and circumstances of college and later life.

UPPER DIVISION

Open to upper division students who do not have credit in 1A-1B. For non-majors, may be offered as prerequisite for certain courses.

- 101. Principles of Psychology. (3) I** Mr. Harmse
- *140. Statistics. (2) II**
cf. Sociology 140.
- 145. Social Psychology. (3) I**
cf. Sociology 145.
- *148A-148B. Personality Development. (2-2) Yr.** Dr. Schumacher
A study of the growth of the human personality from the dynamic point of view, with particular emphasis on child-parent relationships, child training and subsequent adult personality function. Two semesters strongly recommended.
- 168A. Abnormal Psychology (2) I** Dr. Schumacher
Prerequisite: Courses 1, 148A-148B
A preparation for the understanding of abnormal human behavior and a preparation for course 168B.
- 168B. Abnormal Psychology (2) II** Dr. Schumacher
A follow-up course which applies the knowledge about abnormal human behavior from course 168A. The various types of mental and emotional illnesses are described and understood from the psychoanalytic frame of reference. This course will also cover the treatment of emotional disturbances, from both physical and psychotherapeutic points of view.
- *170. Group Dynamics. (2) II** Dr. Schumacher
Prerequisite: Courses 168A-168B.
A study of oneself in operation and interaction with a group of persons also studying their own psychology and group interaction. This course will offer limited psychological insight on the intellectual level in oneself. A limited enrollment of 15 students is permitted.
- 172. Psychology of Music. (2)** Mrs. Caylor
cf. Mus. 172.

*Given in alternate years; to be given in 1960-61.

DEPARTMENT OF SOCIOLOGY

Sister Mary Brigid (Chairman)

Sister John Margaret

Barbara Stapleford

The courses offered in sociology provide instruction in the principles basic for a study of man in society in the light of Catholic social teaching. Two programs are offered: I. general sociology, which enables students to acquire a general cultural background which should prepare them for intelligent leadership and graduate work in sociology; and II. preparation for social work, which qualifies undergraduate students (1) to enroll in a graduate school of social work upon graduation from college; or (2) to secure employment in welfare agencies which do not require professional education; or (3) to serve in community positions in which they can influence the development of social welfare.

I. Preparation for General Sociology: Sociology 1A-1B, Psychology 1.

The Major: Eighteen to 24 upper division units including Sociology 104, 117, 140, 145, 170, 199. Additional units may be selected from related departments with approval of departmental adviser.

The Minor: Eighteen units of credit of which 9 to 12 units are in the upper division.

II. Preparation for the Pre-Social Work Program: Sociology 1A-1B, Economics 1A-1B; Psychology 1. Recommended: Zo. 51A-51B.

The Major: Eighteen to 24 upper division units including Sociology 117, 140, 150A-150B, 180, 199. Additional units should be selected from recommended courses in Economics or Psychology with the approval of departmental adviser.

LOWER DIVISION

1A-1B. Introductory Sociology. (3-3) Yr. Sister John Margaret

The foundations and principles of sociology; structure and organization of social groups; development of social institutions; functioning of the social processes.

54. The Family as a Social Institution. (2) II Sister John Margaret

Origin and historical development of the family; families in various cultures; the functions of the family; family relationships.

70. Contemporary Social Trends. (2) I Sister John Margaret

A study of contemporary world issues with emphasis upon sound sociological interpretation in the light of Christian social principles.

90. Field Work. (cr.) I, II Director of Regis House

At least 20 hours of supervised experience in a group work agency recommended for sophomores majoring in the department.

UPPER DIVISION

101. Principles of Sociology. (3) I Sister John Margaret

An intensive introduction to sociology for upper division students who have not taken Sociology 1A-1B.

103. Comparative Cultures. (2) I Sister John Margaret

A study of human behavior as displayed in patterned customs and institutions in contemporary and primitive cultures.

104. **Contemporary American Family.** (2) II Sister John Margaret
The effect of modern economic and social conditions on family life; programs of reconstruction and improvement based on Christian teaching.
115. **Crime and Delinquency.** (3) II Sister Mary Brigid
Extent, causal factors and methods of prevention and treatment of crime and delinquency.
- *117. **Introduction to Sociological Research Methods.** (2) I Sister Mary Brigid
Study of the techniques and methods used in sociological research with a critical analysis of research studies.
120. **Group Leadership.** (3) I Sister John Margaret
Theories, principles and skills of leadership; the leader in relation to the group; the formation and function of various groups; experience in a social group work agency.
- *125. **Community Organization.** (2) II Sister Mary Brigid
Study of the structure, functions, and organization of communities, with particular application to the local community and its resources; planned field visits to representative community agencies.
- *140. **Statistics.** (2) II Sister John Margaret
Collection, classification, interpretation, and utilization of economic and social statistical data.
145. **Social Psychology.** (3) II Sister John Margaret
Analysis of the processes and problems of social interaction; social phases of personality; social attitudes.
- 150A-150B. **The Field of Social Work.** (3-3) Yr. Barbara Stapleford
An introductory course to present the development of social work with special reference to family and child welfare, medical and psychiatric social work, the mental hygiene movement, the courts and probation, public welfare, social group work and community organization. Class work is supplemented by conducted field visits to public and private social agencies.
160. **Child Welfare.** (3) II Barbara Stapleford
A study of the historical development, philosophy, and methods of child care; the social movements, legislation, and social agencies which have been developed to promote the welfare of children.
- *165. **History of Social Thought.** (2) I Sister John Margaret
A study of the development of social thinking from the great early social thinkers, such as Plato and Aristotle, including an analysis of the thought of Augustine, Thomas Aquinas, and Thomas More, down to modern times.
- *166. **Modern Social Thought.** (2) II Sister John Margaret
Classical social thought of modern times from such thinkers as Adam Smith, Malthus, Comte, to contemporary thinkers: Leo XIII, Pius XI, Sorokin, Fromm and Riesman.

*Given in alternate years; to be given in 1960-61.

- 170. Programs of Social Reform. (3) I** Sister John Margaret
Papal encyclicals dealing with problems of social justice; role of the state in social reform, communism and other contemporary programs.
- *175. Population and Urban Society. (2) I** Sister Catherine Therese
Theories of population; rates of population growth; factors controlling the growth of population; analysis of urban population; existing conditions in different countries.
- 180. Methods in Social Work. (3) I** Barbara Stapleford
A course which introduces the student to some of the basic concepts, skills and techniques used in social case work, social group work, and community organization.
- 199. Special Problems in Sociological Theory and Practice. (1-3) II** Staff
Individual study for senior students majoring in the department.

THEOLOGY

Reverend Peter Curran, O.P.

Reverend Antoninus Hall, O.P.

Reverend John Reilly

Reverend James Clyne

The theology course is aimed to give the student an intellectual understanding of the Christian faith—its sources, doctrines and practice. This is directed to foster a love for Catholicism and an application of it to modern living.

The Minor: Six units beyond the standard courses required of all students.

LOWER DIVISION

1A-1B. Principles of Morality. (1-1) Yr.

A course designed to give students a knowledge and appreciation of basic moral principles. This course is designed especially for non-Catholic students.

2A-2B. A General Survey of Catholic Belief and Practice. (2-2) Yr. Father Hall

A general analysis of Catholic belief; introduction to theology, sources of Catholic teaching (and its defense), with special emphasis on Sacred Scripture and teaching authority of the Church. A general consideration of doctrinal and moral principles and their application to modern life, with the purpose of orientating the average freshman in the field of theology. (Offered to graduates of both Catholic and public schools who do not meet the standard of entrance examination.)

3A-3B. Sources of Catholic Doctrine. (2-2) Father Hall

A general introduction to Sacred Scripture, covering the fields of inspiration, veracity, credibility, etc. A special introduction to the New Testament and its problems; particular consideration of the life of Christ—the physical and mystical life of Christ, seen in Gospels, Acts, Epistles. A general consideration of the Old Testament and a special analysis of particular problems (this may precede or follow the New Testament consideration).

Given in alternate years; given in 1960-61.

5A-5B. Moral Principles and Practices. (3-3) Yr. Father Curran

An analysis of moral principles and values and application to special phases of individual and social life. This consideration is taken from the ethical (Moral Philosophy) and theological (Moral Theology) points of view, thus viewing the matter from a natural and supernatural aspect.

15A or 115A. Liturgy. (2) I, II Sister Laurentia

Theological importance of liturgy; the Mass; rites and their history.

UPPER DIVISION**101A-101B. General Dogmatic Theology. (2-2) Yr. Father Hall**

Consideration of basic dogmatic questions: Unity and Trinity of God, Providence, Creation, Angels, Incarnation, Redemption, Grace and Virtues.

102A-102B. General Dogmatic Theology. (2-2) Yr. Father Curran

Consideration of basic dogmatic questions (with moral applications): The Church, Sacraments (dogmatic aspect and moral aspect and application to modern life), Last Things, and Man's Purpose in Life.

****110. Catechetical Methods and Convert Making. (2) I**

An application of Catholic doctrine to modern life to enable students to operate as teachers in Confraternity of Christian Doctrine and to assist in making of converts.

****111. Mariology. (2) II**

Consideration of the position of Our Lady in Catholic Doctrine and life.

114. Principles of Ascetism. (2)

A course designed to give the basic principles of ascetism as applied to the life of grace.

120-125. Moral Theology. (1) I, II Staff

Semester courses in moral theology with special emphasis on a particular tract.

120 Human Acts

122 The Commandments

121 Sacraments in general

123 Moral Virtues

130-136. Dogmatic Theology. (2) I, II Staff

Semester courses in dogmatic theology with special emphasis on a particular tract.

130 The Triune God

133 Grace

131 Christology

134 Eschatology

132 Soteriology

135 Sacraments (singly)

140A-140B. Scripture Studies. (2-2) Father Clyne

A. Old Testament: Introduction and Historical Books, Prophetic Books, Didactic Books.

B. Intensive analysis of the Gospels, Act, and Epistles.

**Given upon request.

NEEDS OF THE COLLEGE

In order to increase Mount Saint Mary's sphere of usefulness, we are anxious to establish scholarships and endowments; hence we solicit such foundations from our friends and the friends of education. The sum of ten thousand dollars will found a full perpetual scholarship for a non-resident student. Gifts of lesser sums may be added to the general endowment fund leading to new scholarships, if the donors so desire. Aid toward the College Building Fund is also solicited.

FORM OF BEQUEST

For Needs of the College Scholarship Fund

I give and bequeath to MOUNT ST. MARY'S COLLEGE of Los Angeles, California, the sum of.....
.....dollars,
to be invested by said Corporation, and called the.....
.....Scholarship Fund; the income therefrom
is to be applied in aid of such deserving student of MOUNT ST. MARY'S COLLEGE of Los Angeles, California, as said Corporation may determine.

FORM OF BEQUEST

I give and bequeath to MOUNT ST. MARY'S COLLEGE of Los Angeles, California, the sum of.....
.....dollars,
to be known as the.....BEQUEST,
and used and expended in the interest of MOUNT SAINT MARY'S COLLEGE in such manner as said Corporation may deem most beneficial.

I N D E X

- Absence from class, 27
- Academic Calendar, 9
- Academic Information
 - Degrees, 23
 - Degree Residence, 24
 - Majors and minors, 23-24
 - Unit and Grade-Point Requirement, 24
- Academic Regulations
 - Grade Points, 26
 - Grades, 25
 - Honors, 26-27
 - Scholarship Requirements, 26
- Accident Insurance, 30
- Accreditation of the College, 17
- Administrative Organization
 - Advisory Board, 10
 - Executive Officers, 10
- Advanced Standing, admission to, 23
- Advisers, 28
- Admission to College
 - General Requirements, 21
 - Scholarship Requirements, 22
 - To advanced standing, 23
 - To freshman standing, 21-22
- Aims of the College, 18
- Ancient Civilization, courses in, 42
- Applied Music, 77-82
- Art, Department of, 33-35
 - Associated Students of Mount St. Mary's College, 19
- Attendance, 27
- Bacteriology, courses in, 36-37
- Bequest, form of, 97
- Biochemistry, courses in, 86-88
 - Biological Sciences, Department of
 - Bacteriology, 36
 - Botany, 37
 - Medical Technology, 36
 - Zoology, 38
- Botany, courses in, 37-38
 - Buildings and Equipment, 18
 - Business Administration, courses in, 47
- Calendar, academic, 9
- Change in program, 27
- Chemistry, courses in, 85-88
- Church Music, 70
- Classical Languages, Department of
- Greek, 42
- Latin, 41
- Classification of Students, 23
- College Discipline
 - Attendance, 27
 - Change in program, 27
 - Dismissal, 28
 - Dormitory Students, 28
 - Re-entrance, 28
 - Examinations, 27
 - Leave of Absence, 28
 - Registration, 27
- Study Card, 27
- College Entrance Examination Board, 21
- Comparative Literature courses, 71
- Cooperating Faculty of Affiliated Agencies
 - Medical Technology, 16
- Counseling Service, 28
- Credentials
 - General Elementary, 48-49
 - General Secondary, 49-50
 - Provisional, 50
 - Special Secondary in Music, 50
- Degrees offered, 23
 - Bachelor of Arts, 24
 - Bachelor of Science, 25
 - Bachelor of Music, 25, 73
- Degree requirements, 24-25
- Departmental Clubs, 20
- Dismissal from college, 28
- Dietetics Program, 62
- Director of Guidance, 28
- Discipline, 27
- Dormitory Students, 28
- Drama, courses in, 43
- Dropping courses, 27
- Economics, Department of, 45-47
- Education, Department of, 48-53
 - Credential Programs, 48-50
 - Master's Program, see **Graduate Bulletin**
- Professional Courses, 52
- Teacher Recruitment Project, 53
- English, Department of, 54
 - Examinations, 27
 - Executive Officers, 10
 - Expenses, 29-30
- Faculty
 - Cooperating in Affiliated Agencies, 16
 - Members of, 11-15
- Fees, 29-31
- Foundation of the College, 17
- French, courses in 68-69
 - Freshman standing, admission to, 21-22
- General Information
 - Building and Equipment, 18
 - Foundation of the College, 17
 - Location, 17
 - Official Recognition, 17
- General Elementary Credential, 45-46
- General Requirements for
 - Admission to college, 21
 - Bachelor's degree, 24
- Credentials, 48-50
 - Lower division, 24-25
 - Majors and minors, 23-24
 - Upper division, 24-25
- General Secondary Credential, 49-50
- German, courses in, 69
 - Grade Points, 26

INDEX (Continued)

- Grades, 25
- Graduate degrees offered, 23
- Greek, courses in, 42
- Health, courses in, 59-59
 - Health Insurance Fee, 30
 - Health Service, 29
- Home Economics, Department of, 62-64
- History, Department of, 59-62
 - Master's Program, see **Graduate Bulletin**
- Honors, 26-27
- Honors at Entrance, 32
- Honor Societies, 20
- Instruction, Departments of, 32-96
- Italian, courses in, 70
- Latin, courses in, 41-42
 - Leave of Absence, 28
 - Library, 18
 - Location of college, 17
- Master's Degree, 23, 47
- Mathematics, Department of, 65-66
 - Maximum study load, 27
- Medical Technology, 36, 86
- Modern Languages, Department of, 67
 - Comparative Literature, 71
 - French, 68-69
 - German, 69
 - Italian, 70
 - Spanish, 70-71
 - Music, Bachelor of, 68
- Music, Department, 72
 - Courses in, 77-82
 - Requirements for
 - Bachelor's Program, 72-77
 - Master's Program, see **Graduate Bulletin**
- Music, Education, 75, 82
- Music Theory and Composition, 79-80
 - National Federation of Catholic
 - College Students, 19
 - National Student Association, 20
 - Needs of the College, 97
- Nursing, Department of, 82-85
 - Public Health, 84-85
- Officers of Instruction
 - Faculty 11-15
 - Cooperating Faculty of Affiliated Agencies, 16
 - Official Recognition, 17
 - Organization, administrative, 10
 - Organizations, student, 19-20
- Philosophy, courses in, 84-85
- Physical Education, courses in, 57-58
- Political Science, courses in, 91
 - Physical Sciences, Department of
 - Biochemistry, 86
 - Chemistry, 86-89
 - Medical Technology, 86
 - Physics, 89
 - Physical Science, 90
- Physics, courses in, 89
- Pilot Study in Teacher Recruitment, 53
- Provisional Credential, 50
- Psychology, courses in, 92
 - Publication, 21
- Public Health, 84-85
- Recreation, Health & P.E., 57-58
 - Red Cross Unit, 20
 - Re-entrance of students, 28
- Refunds, 31
 - Registration, 27
 - Residence, charge for, 29
 - Residence requirement, 24
 - Requirements, see General Requirements
 - Room assignments, 30
- Scholarship requirement
 - During college, 26
 - For admission to college, 22
- Scholarships, 32
 - Semester Expenses
 - Fees, 29-30
 - Residence, 29
 - Tuition, 29
- Service contracts, 32
- Sociology, Department of, 93-95
 - Social Science, major in, 55
- Social Work, courses in, 93-95
 - Sodality of Our Lady, 19
- Spanish, courses in, 70-71
- Special Secondary Credential in Music, 50
 - Special students, 23
- Speech, 43
- Student work contracts, 32
 - Study card, 27
 - Study list, 27
- Student Organizations, 19-20
- Subject A Examination, 21
 - Supervised Teaching
 - Elementary, 52
 - Secondary, 52
 - SWES Intercultural Fund, 31
- Table of Contents, 6-8
- Tardiness to class, 27
- Teacher Recruitment Project, 53
- Theology, courses in, 95-96
 - Tuition, 29
- Withdrawal from college, 30
- Zoology, courses in, 38-40

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